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## 1 Conducted output power for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Conducted<br>Output AV<br>Power<br>(dBm) | Antenna<br>Gain<br>(dBi) | EIRP<br>(dBm) | Limt<br>(dBm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------------------------------------|--------------------------|---------------|---------------|---------|
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | 23.00                                    | -0.3                     | 22.70         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QPSK   | 22.01                                    | -0.3                     | 21.71         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | 23.02                                    | -0.3                     | 22.72         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | 23.06                                    | -0.3                     | 22.76         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | 22.91                                    | -0.3                     | 22.61         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QAM16  | 22.32                                    | -0.3                     | 22.02         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QAM64  | 20.24                                    | -0.3                     | 19.94         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QAM256 | 18.87                                    | -0.3                     | 18.57         | 33.01         | Pass    |
| n7   | 15           | 5                  | 500500        | 1@1              | CP_QPSK    | 22.01                                    | -0.3                     | 21.71         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | 23.33                                    | -0.3                     | 23.03         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QPSK   | 22.16                                    | -0.3                     | 21.86         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | 23.15                                    | -0.3                     | 22.85         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | 23.12                                    | -0.3                     | 22.82         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | 23.24                                    | -0.3                     | 22.94         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QAM16  | 22.20                                    | -0.3                     | 21.90         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QAM64  | 20.41                                    | -0.3                     | 20.11         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QAM256 | 18.52                                    | -0.3                     | 18.22         | 33.01         | Pass    |
| n7   | 15           | 5                  | 507000        | 1@1              | CP_QPSK    | 21.53                                    | -0.3                     | 21.23         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | 23.38                                    | -0.3                     | 23.08         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QPSK   | 22.25                                    | -0.3                     | 21.95         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | 23.26                                    | -0.3                     | 22.96         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | 23.22                                    | -0.3                     | 22.92         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | 23.21                                    | -0.3                     | 22.91         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QAM16  | 22.40                                    | -0.3                     | 22.10         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QAM64  | 21.10                                    | -0.3                     | 20.80         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QAM256 | 19.13                                    | -0.3                     | 18.83         | 33.01         | Pass    |
| n7   | 15           | 5                  | 513500        | 1@1              | CP_QPSK    | 22.44                                    | -0.3                     | 22.14         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | 22.93                                    | -0.3                     | 22.63         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QPSK   | 21.99                                    | -0.3                     | 21.69         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | 22.97                                    | -0.3                     | 22.67         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | 22.63                                    | -0.3                     | 22.33         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | 22.48                                    | -0.3                     | 22.18         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QAM16  | 22.24                                    | -0.3                     | 21.94         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QAM64  | 20.71                                    | -0.3                     | 20.41         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QAM256 | 18.55                                    | -0.3                     | 18.25         | 33.01         | Pass    |
| n7   | 15           | 15                 | 501500        | 1@1              | CP_QPSK    | 21.47                                    | -0.3                     | 21.17         | 33.01         | Pass    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | 22.77                                    | -0.3                     | 22.47         | 33.01         | Pass    |

|    |    |    |        |       |            |       |      |       |       |      |
|----|----|----|--------|-------|------------|-------|------|-------|-------|------|
| n7 | 15 | 15 | 507000 | 75@0  | DFT_QPSK   | 22.22 | -0.3 | 21.92 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 36@18 | DFT_QPSK   | 23.15 | -0.3 | 22.85 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_QPSK   | 22.86 | -0.3 | 22.56 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@77  | DFT_QPSK   | 23.15 | -0.3 | 22.85 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_QAM16  | 21.72 | -0.3 | 21.42 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_QAM64  | 20.41 | -0.3 | 20.11 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@1   | DFT_QAM256 | 18.32 | -0.3 | 18.02 | 33.01 | Pass |
| n7 | 15 | 15 | 507000 | 1@1   | CP_QPSK    | 21.93 | -0.3 | 21.63 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_BPSK   | 23.31 | -0.3 | 23.01 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 75@0  | DFT_QPSK   | 22.28 | -0.3 | 21.98 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 36@18 | DFT_QPSK   | 23.27 | -0.3 | 22.97 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_QPSK   | 23.29 | -0.3 | 22.99 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@77  | DFT_QPSK   | 23.24 | -0.3 | 22.94 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_QAM16  | 22.15 | -0.3 | 21.85 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_QAM64  | 20.56 | -0.3 | 20.26 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | DFT_QAM256 | 18.58 | -0.3 | 18.28 | 33.01 | Pass |
| n7 | 15 | 15 | 512500 | 1@1   | CP_QPSK    | 22.11 | -0.3 | 21.81 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_BPSK   | 23.05 | -0.3 | 22.75 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 100@0 | DFT_QPSK   | 21.94 | -0.3 | 21.64 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK   | 22.95 | -0.3 | 22.65 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK   | 23.11 | -0.3 | 22.81 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK   | 22.94 | -0.3 | 22.64 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QAM16  | 21.93 | -0.3 | 21.63 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QAM64  | 20.56 | -0.3 | 20.26 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QAM256 | 18.63 | -0.3 | 18.33 | 33.01 | Pass |
| n7 | 15 | 20 | 502000 | 1@1   | CP_QPSK    | 21.49 | -0.3 | 21.19 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK   | 22.69 | -0.3 | 22.39 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 100@0 | DFT_QPSK   | 22.11 | -0.3 | 21.81 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK   | 23.19 | -0.3 | 22.89 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK   | 23.09 | -0.3 | 22.79 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK   | 23.52 | -0.3 | 23.22 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QAM16  | 21.97 | -0.3 | 21.67 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QAM64  | 20.59 | -0.3 | 20.29 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QAM256 | 18.44 | -0.3 | 18.14 | 33.01 | Pass |
| n7 | 15 | 20 | 507000 | 1@1   | CP_QPSK    | 21.57 | -0.3 | 21.27 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK   | 23.34 | -0.3 | 23.04 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 100@0 | DFT_QPSK   | 22.30 | -0.3 | 22.00 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK   | 23.30 | -0.3 | 23.00 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK   | 23.36 | -0.3 | 23.06 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK   | 23.29 | -0.3 | 22.99 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QAM16  | 22.89 | -0.3 | 22.59 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QAM64  | 20.70 | -0.3 | 20.40 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QAM256 | 18.74 | -0.3 | 18.44 | 33.01 | Pass |
| n7 | 15 | 20 | 512000 | 1@1   | CP_QPSK    | 21.67 | -0.3 | 21.37 | 33.01 | Pass |

## 2 Frequency stability for NR FR1

| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|------------|-----------------|-----------------------|------------------------|---------|
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_BPSK   | -8.32      | -0.00332        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_BPSK   | -11.12     | -0.00444        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_BPSK   | -9.17      | -0.00366        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 12@6             | DFT_QPSK   | -11.97     | -0.00478        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@1              | DFT_QPSK   | -10.09     | -0.00403        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 500500        | 1@23             | DFT_QPSK   | -9.73      | -0.00389        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_BPSK   | -4.73      | -0.00187        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_BPSK   | -4.51      | -0.00178        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_BPSK   | -2.99      | -0.00118        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 12@6             | DFT_QPSK   | -9.97      | -0.00393        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@1              | DFT_QPSK   | -8.08      | -0.00319        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 507000        | 1@23             | DFT_QPSK   | -4.45      | -0.00176        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_BPSK   | 0.38       | 0.00015         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_BPSK   | 2.21       | 0.00086         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_BPSK   | 11.38      | 0.00443         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 12@6             | DFT_QPSK   | -1.66      | -0.00065        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@1              | DFT_QPSK   | 1.81       | 0.00070         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 5                  | 513500        | 1@23             | DFT_QPSK   | 13.30      | 0.00518         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_BPSK   | -2.82      | -0.00112        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_BPSK   | -2.66      | -0.00106        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_BPSK   | -11.70     | -0.00467        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 36@18            | DFT_QPSK   | -4.48      | -0.00179        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@1              | DFT_QPSK   | -8.36      | -0.00333        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 501500        | 1@77             | DFT_QPSK   | -2.96      | -0.00118        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_BPSK   | -0.20      | -0.00008        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_BPSK   | 1.36       | 0.00054         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_BPSK   | 3.95       | 0.00156         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 36@18            | DFT_QPSK   | -1.50      | -0.00059        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@1              | DFT_QPSK   | -2.38      | -0.00094        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 507000        | 1@77             | DFT_QPSK   | 1.31       | 0.00052         | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_BPSK   | -8.83      | -0.00345        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_BPSK   | -10.93     | -0.00427        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_BPSK   | -15.18     | -0.00592        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 36@18            | DFT_QPSK   | -10.11     | -0.00395        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@1              | DFT_QPSK   | -11.62     | -0.00453        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 15                 | 512500        | 1@77             | DFT_QPSK   | -12.32     | -0.00481        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 50@25            | DFT_BPSK   | -8.76      | -0.00349        | -2.5                  | 2.5                    | PASS    |
| n7   | 15           | 20                 | 502000        | 1@1              | DFT_BPSK   | -5.69      | -0.00227        | -2.5                  | 2.5                    | PASS    |

|    |    |    |        |       |          |        |          |      |     |      |
|----|----|----|--------|-------|----------|--------|----------|------|-----|------|
| n7 | 15 | 20 | 502000 | 1@104 | DFT_BPSK | -5.84  | -0.00233 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 50@25 | DFT_QPSK | -4.03  | -0.00161 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@1   | DFT_QPSK | -1.42  | -0.00057 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 502000 | 1@104 | DFT_QPSK | -6.60  | -0.00263 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_BPSK | 1.26   | 0.00050  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_BPSK | 2.17   | 0.00086  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_BPSK | 4.61   | 0.00182  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 50@25 | DFT_QPSK | -2.86  | -0.00113 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@1   | DFT_QPSK | -2.19  | -0.00086 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 507000 | 1@104 | DFT_QPSK | 0.35   | 0.00014  | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_BPSK | -6.06  | -0.00237 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_BPSK | -6.01  | -0.00235 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_BPSK | -16.52 | -0.00645 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 50@25 | DFT_QPSK | -4.90  | -0.00191 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@1   | DFT_QPSK | -7.02  | -0.00274 | -2.5 | 2.5 | PASS |
| n7 | 15 | 20 | 512000 | 1@104 | DFT_QPSK | -9.13  | -0.00357 | -2.5 | 2.5 | PASS |

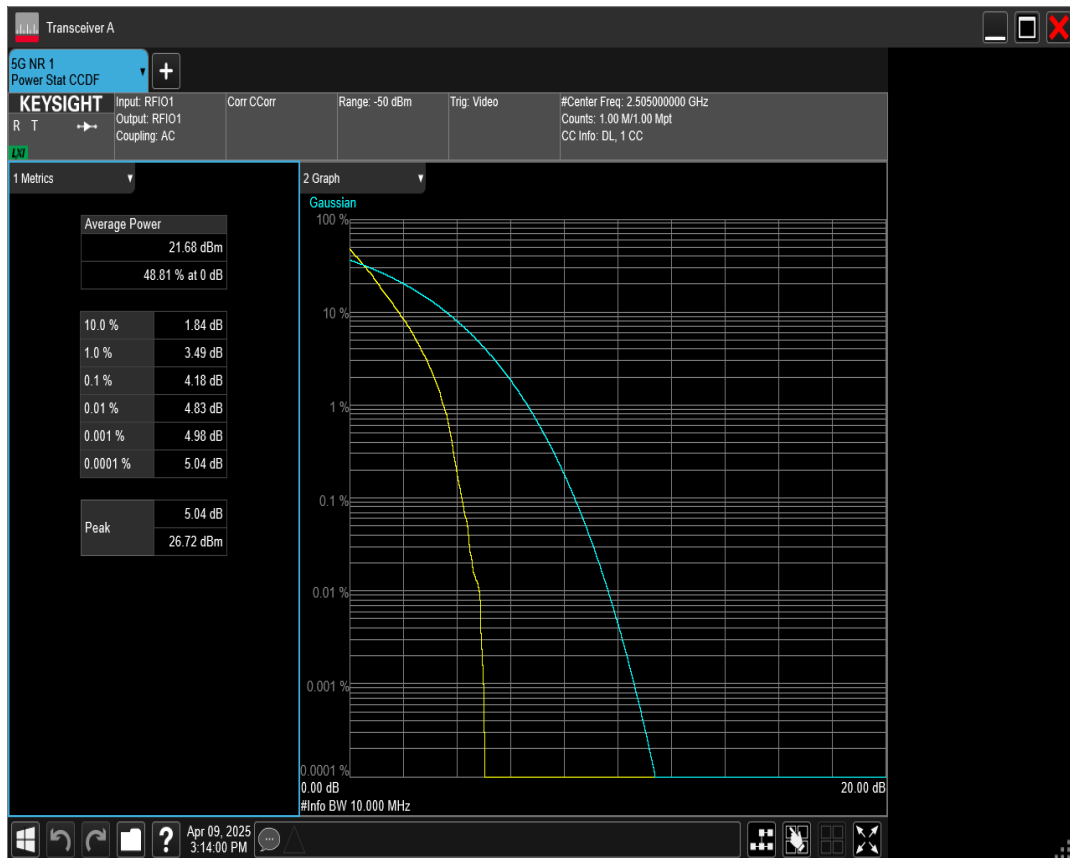
Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

### 3 Peak-to-Average Ratio for NR FR1

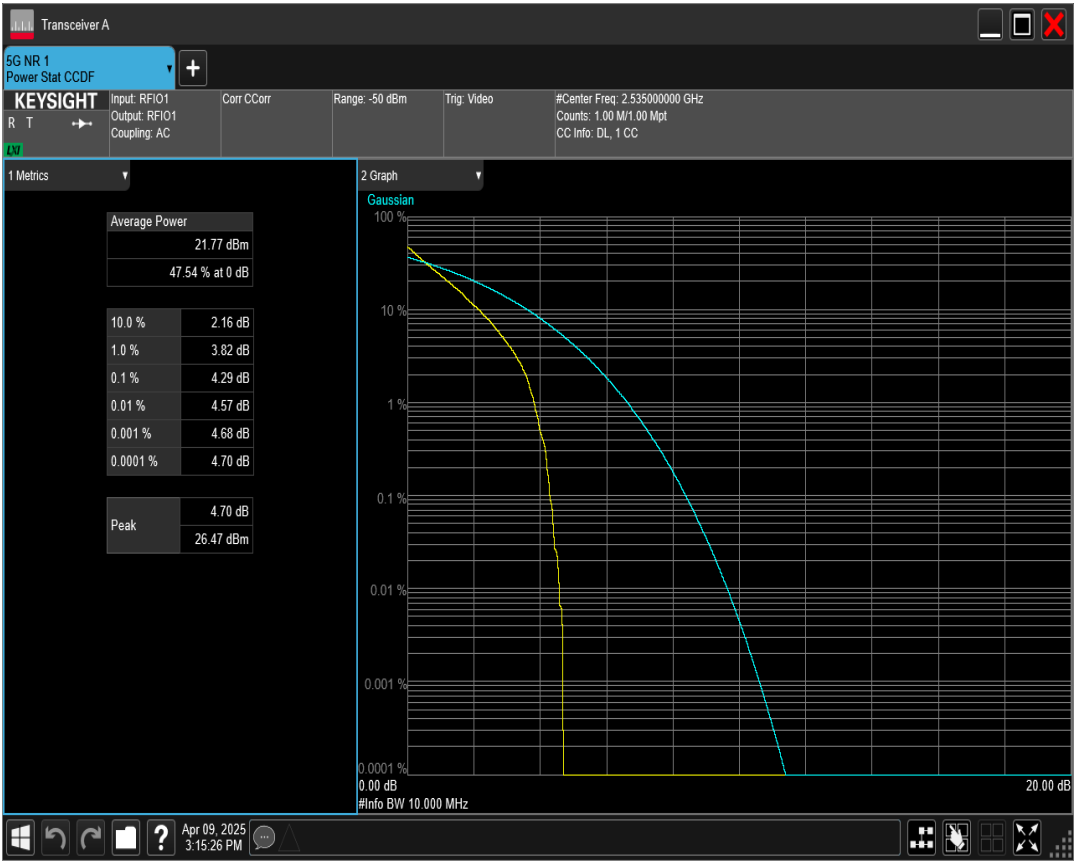
| Band | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result<br>(dB) | high<br>Limit<br>(dB) | Verdict |
|------|--------------|--------------------|---------------|------------------|------------|----------------|-----------------------|---------|
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_BPSK   | 4.13           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QPSK   | 5.40           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM16  | 5.94           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM64  | 6.35           | 13                    | PASS    |
| n7   | 15           | 5                  | 500500        | 25@0             | DFT_QAM256 | 6.89           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_BPSK   | 3.94           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QPSK   | 4.94           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM16  | 5.76           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM64  | 6.02           | 13                    | PASS    |
| n7   | 15           | 5                  | 507000        | 25@0             | DFT_QAM256 | 6.45           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_BPSK   | 4.12           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QPSK   | 5.23           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM16  | 5.98           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM64  | 6.38           | 13                    | PASS    |
| n7   | 15           | 5                  | 513500        | 25@0             | DFT_QAM256 | 6.78           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_BPSK   | 4.18           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QPSK   | 5.28           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM16  | 6.11           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM64  | 6.18           | 13                    | PASS    |
| n7   | 15           | 10                 | 501000        | 50@0             | DFT_QAM256 | 6.46           | 13                    | PASS    |
| n7   | 15           | 10                 | 507000        | 50@0             | DFT_BPSK   | 4.29           | 13                    | PASS    |
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| n7   | 15           | 10                 | 513000        | 50@0             | DFT_QAM256 | 6.50           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_BPSK   | 4.21           | 13                    | PASS    |
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| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QAM16  | 6.20           | 13                    | PASS    |
| n7   | 15           | 15                 | 501500        | 75@0             | DFT_QAM64  | 6.48           | 13                    | PASS    |
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| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM16  | 5.78           | 13                    | PASS    |
| n7   | 15           | 15                 | 507000        | 75@0             | DFT_QAM64  | 6.14           | 13                    | PASS    |

|    |    |    |        |       |            |      |    |      |
|----|----|----|--------|-------|------------|------|----|------|
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| n7 | 15 | 20 | 507000 | 100@0 | DFT_QAM256 | 6.66 | 13 | PASS |
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| n7 | 15 | 20 | 512000 | 100@0 | DFT_QAM64  | 6.38 | 13 | PASS |
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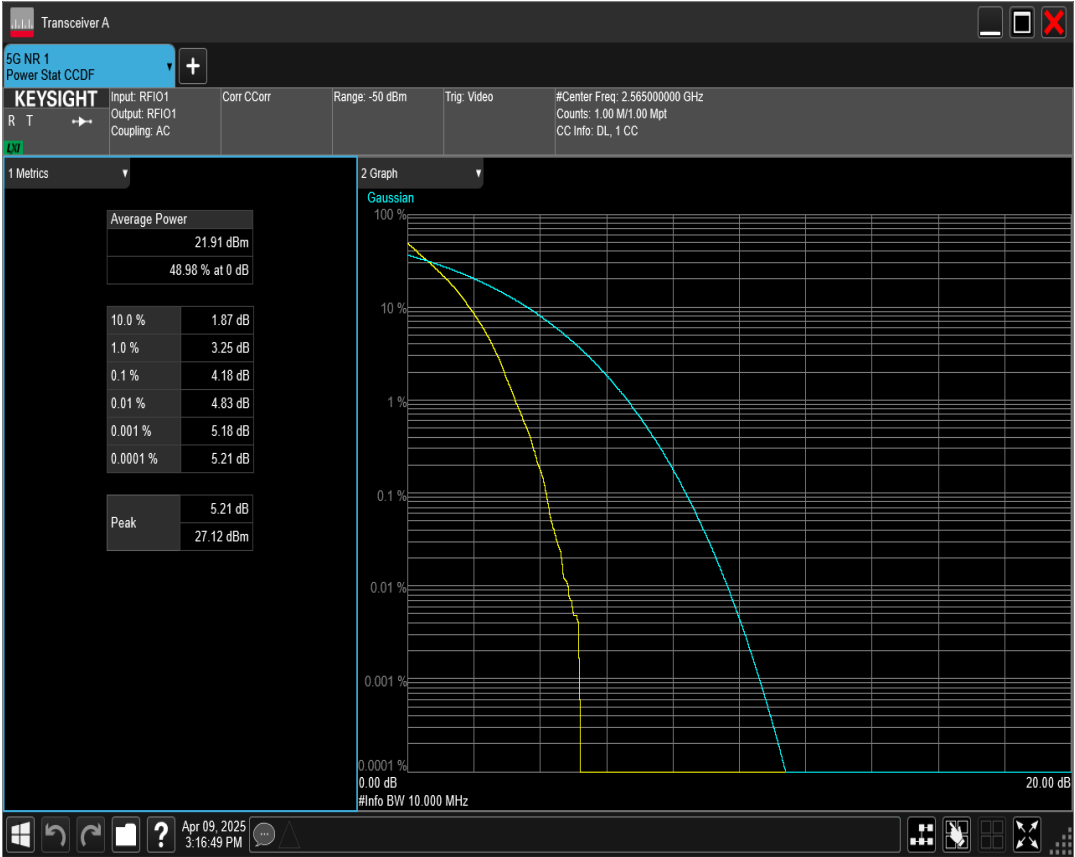
**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=501000 RB=50@0**



**n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0**

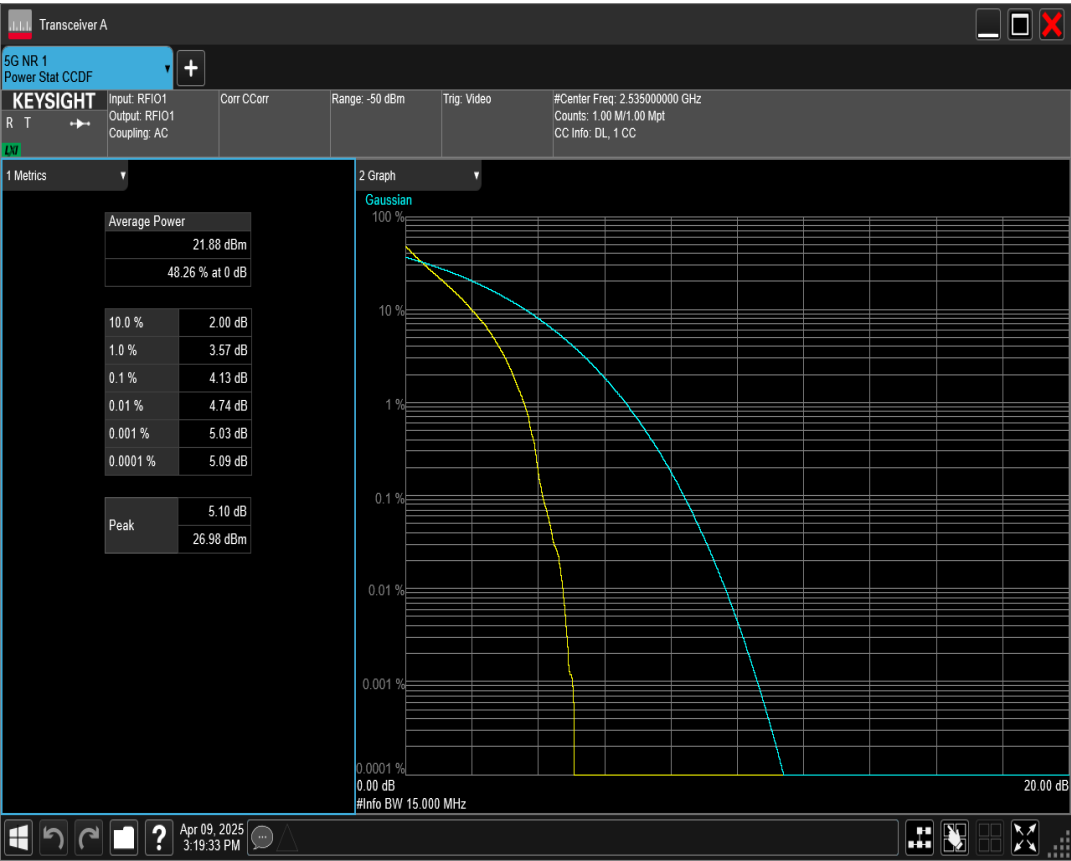


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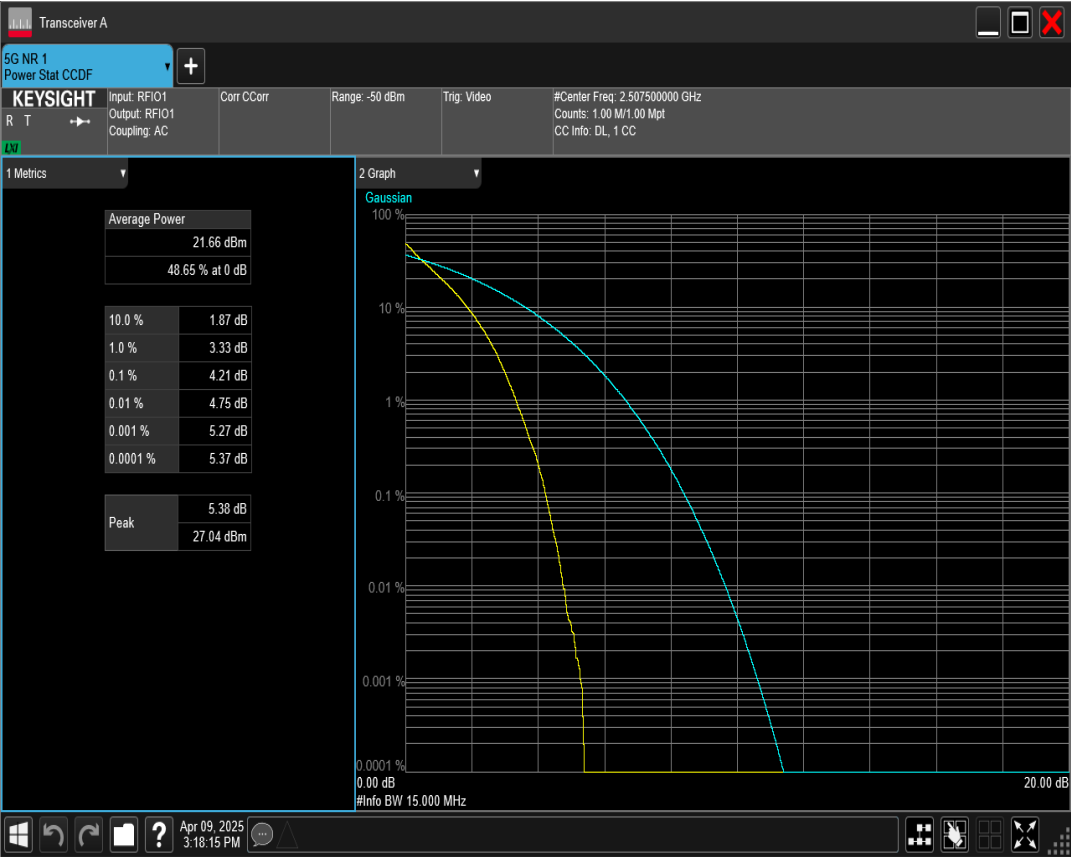


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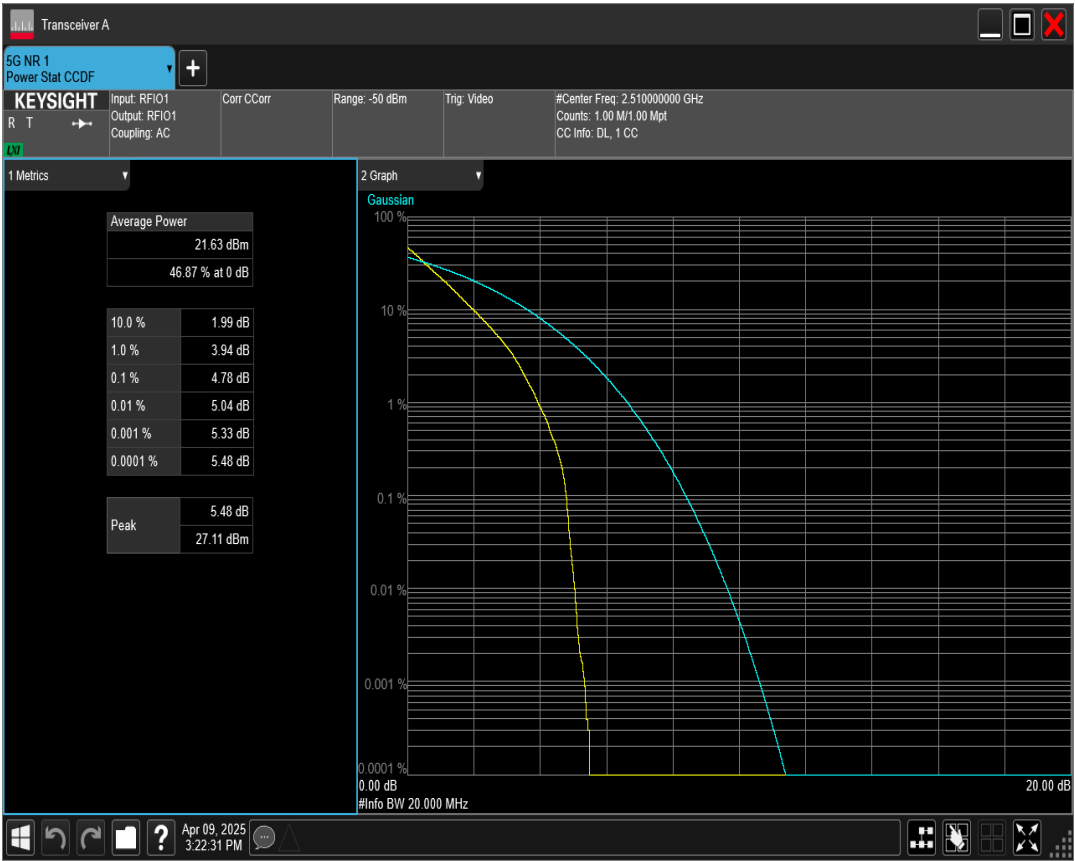




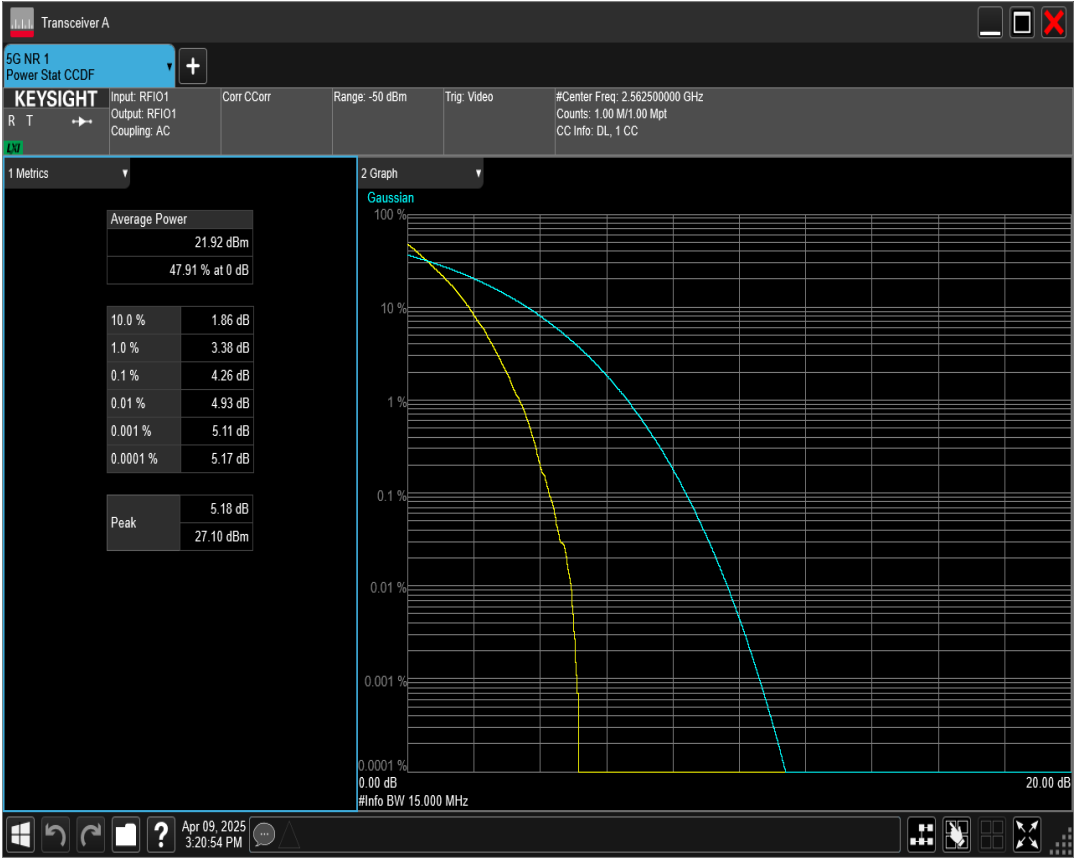
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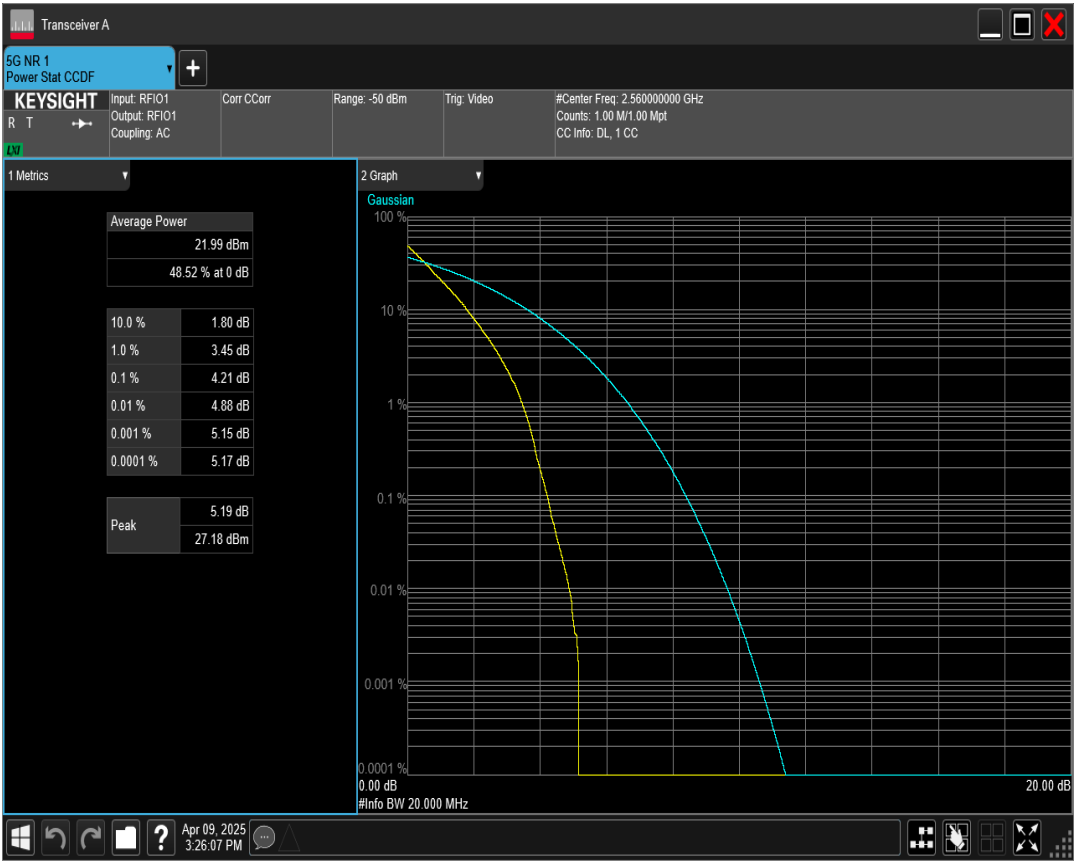
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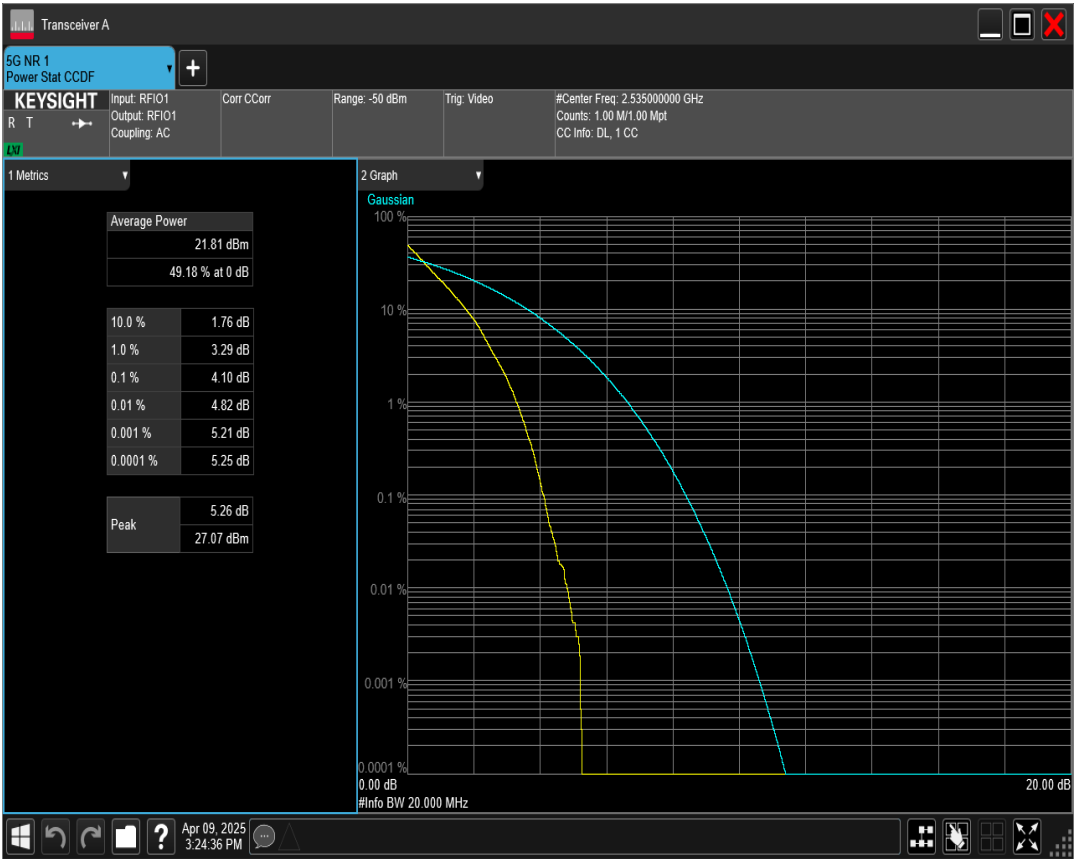
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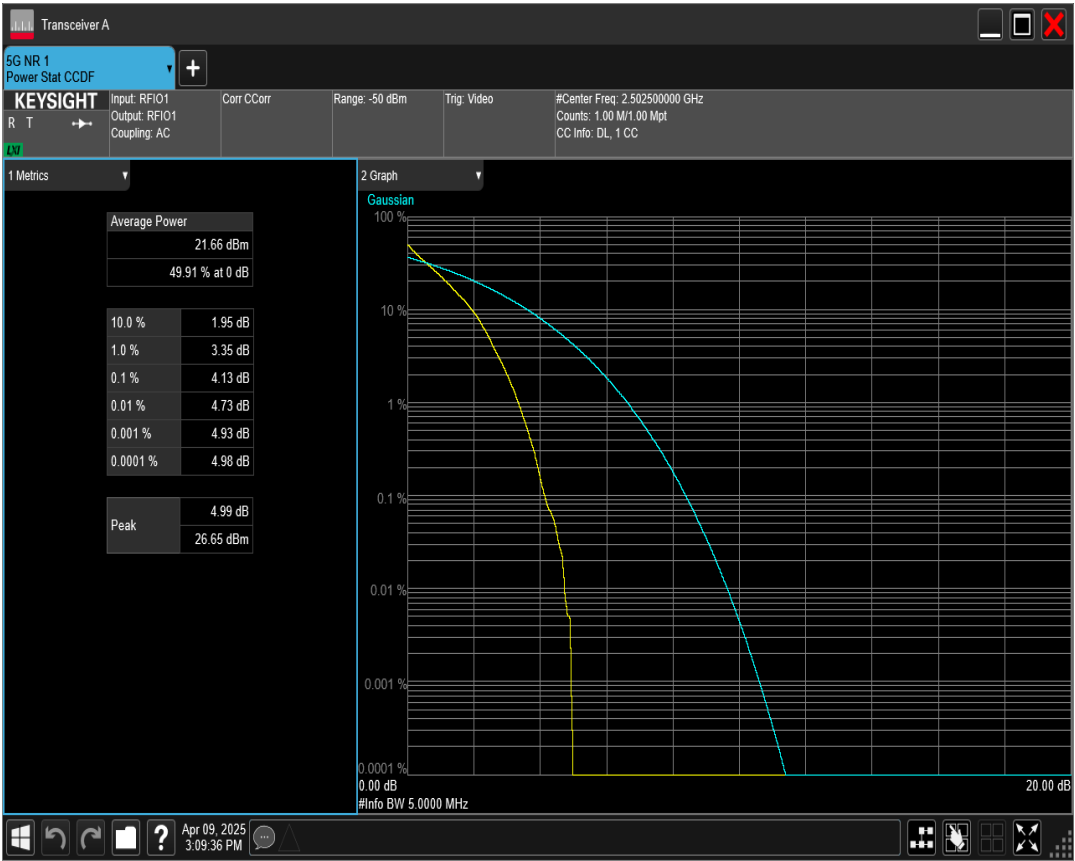
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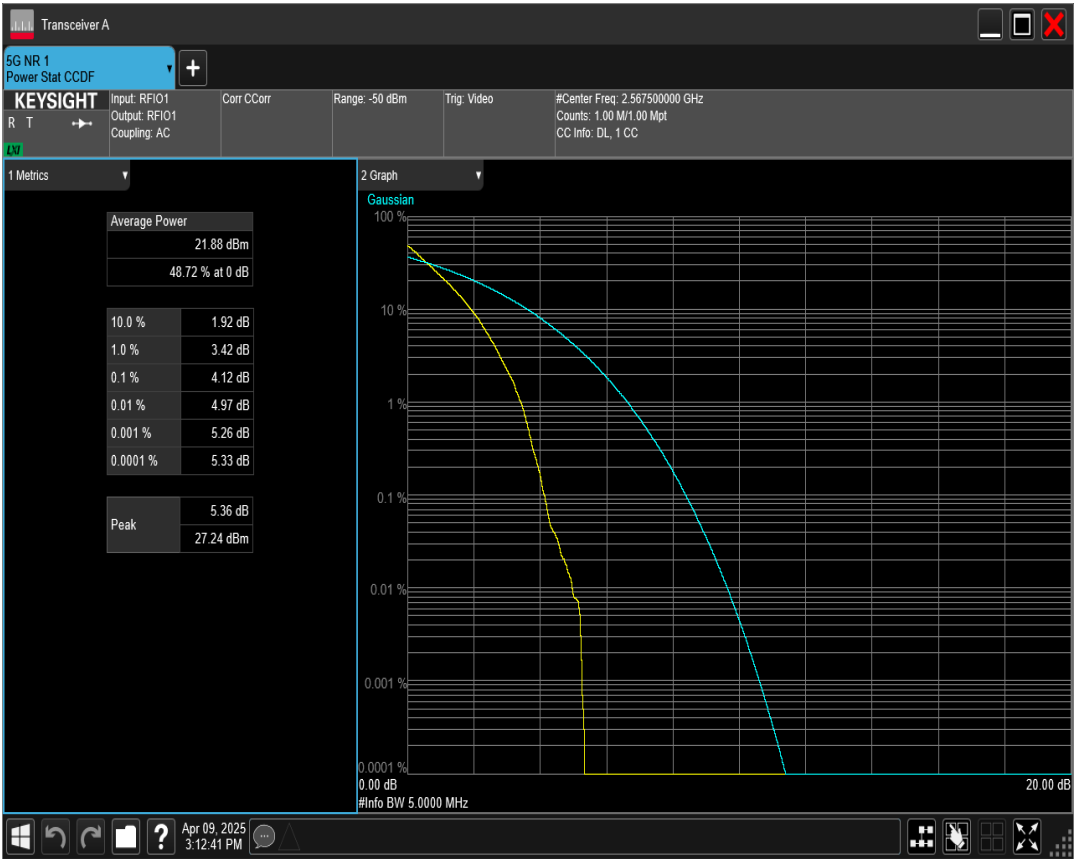
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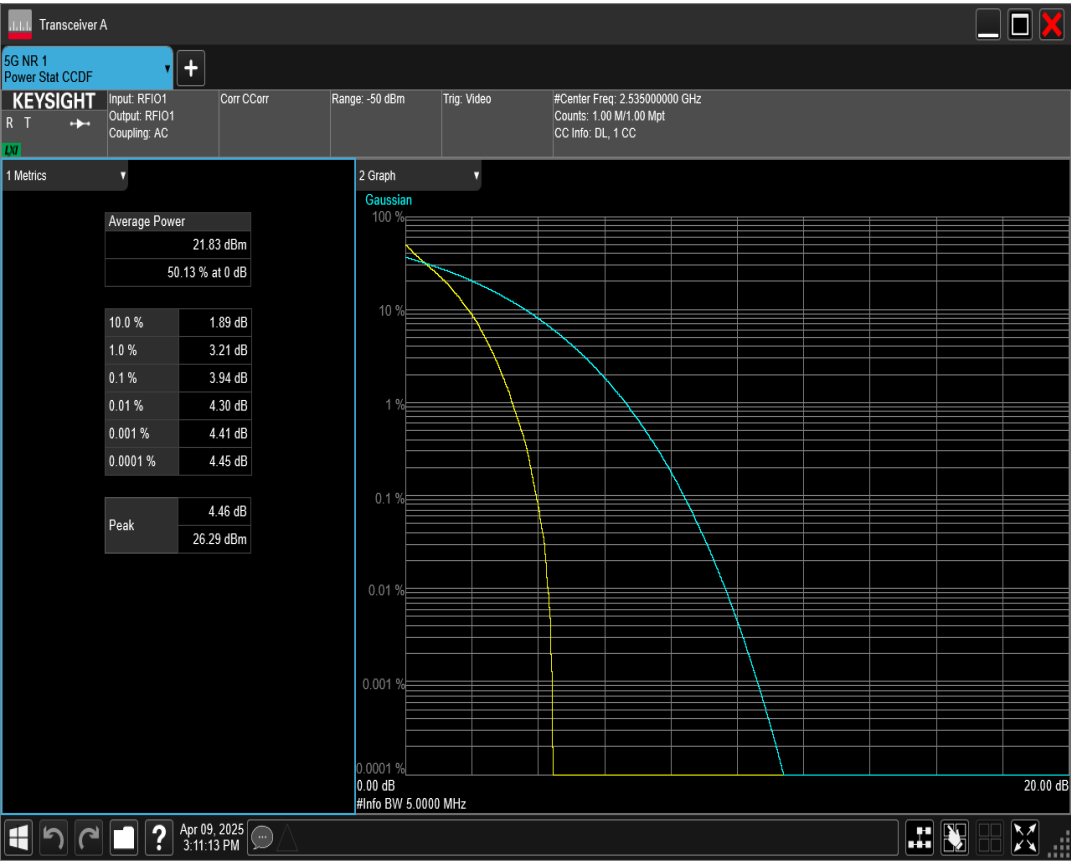
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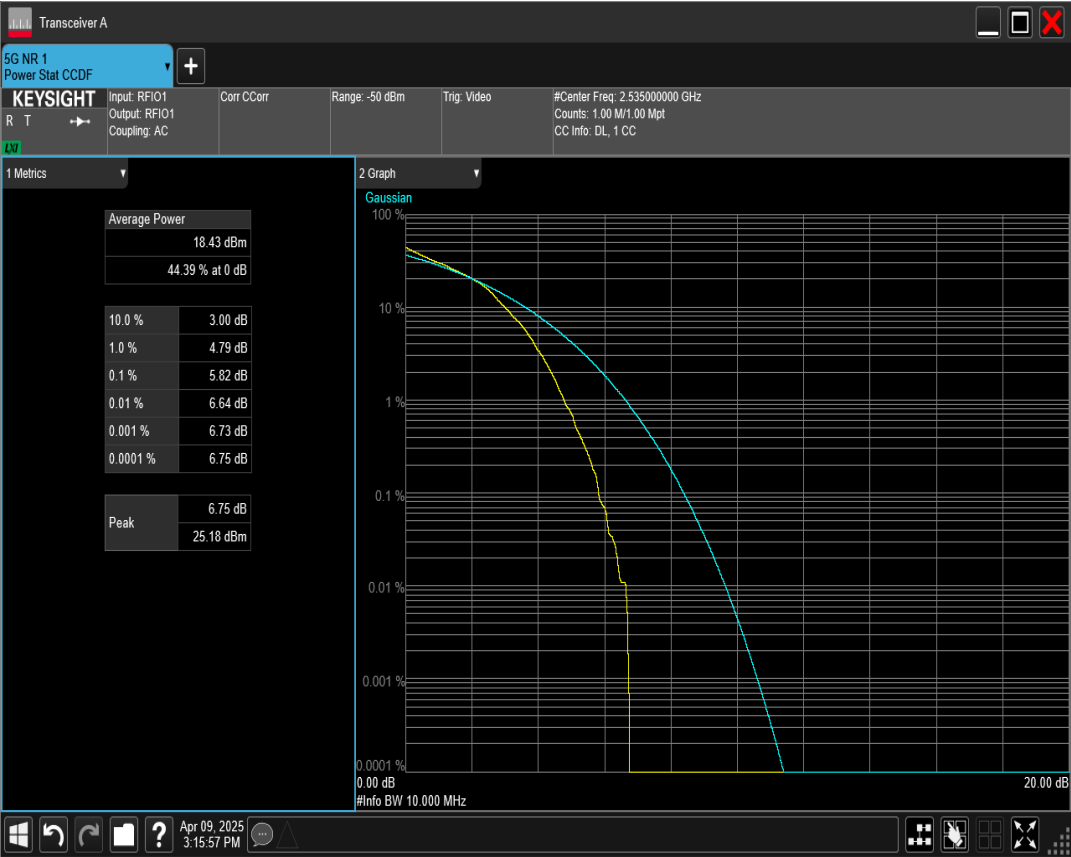
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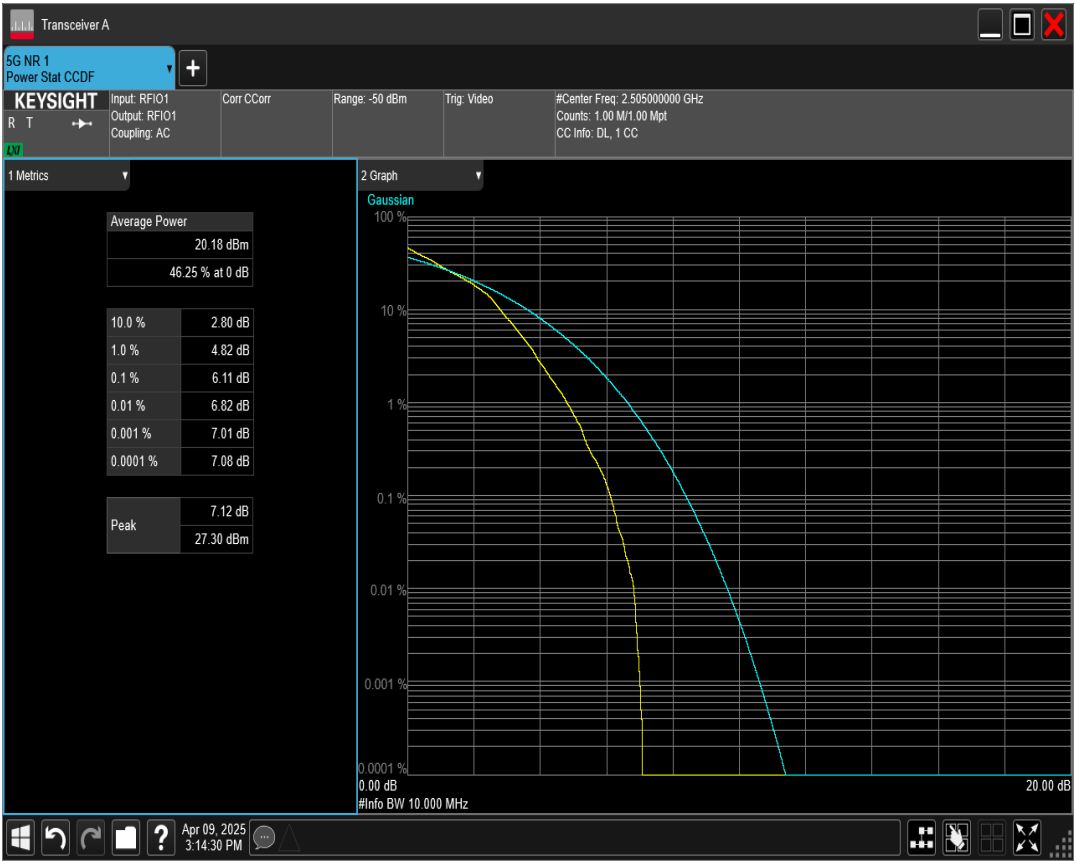
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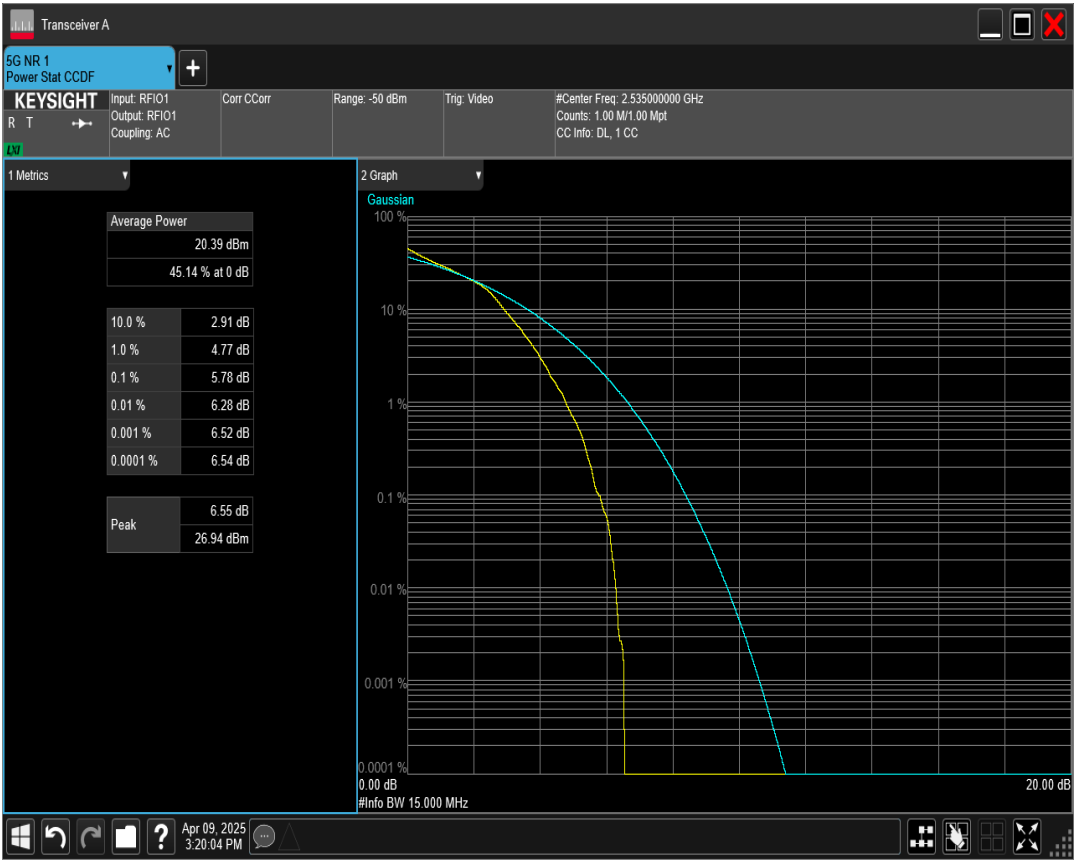
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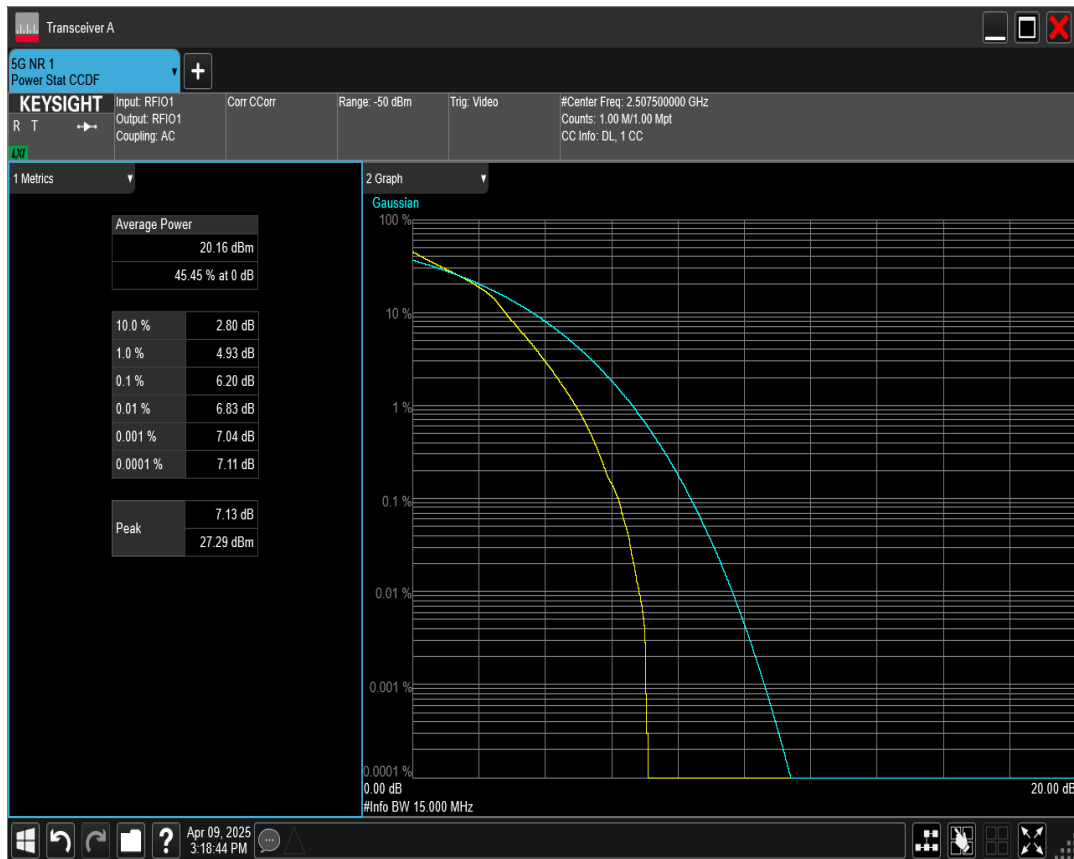
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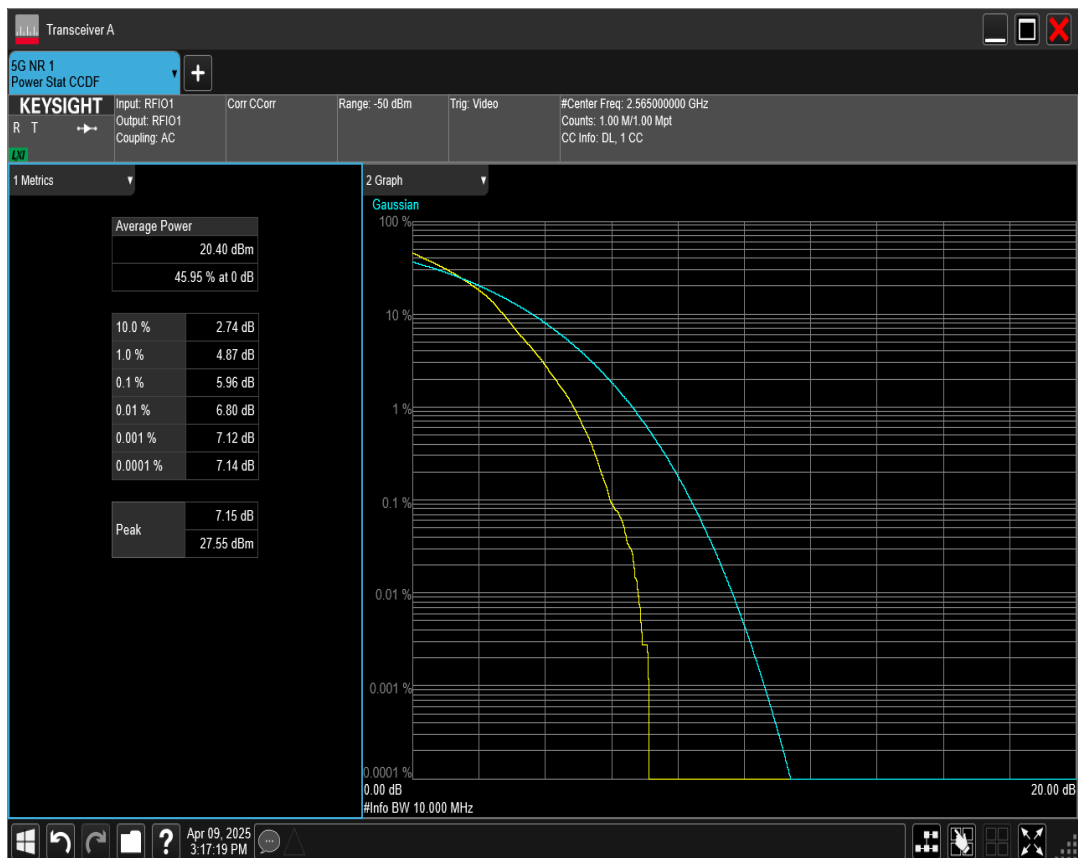
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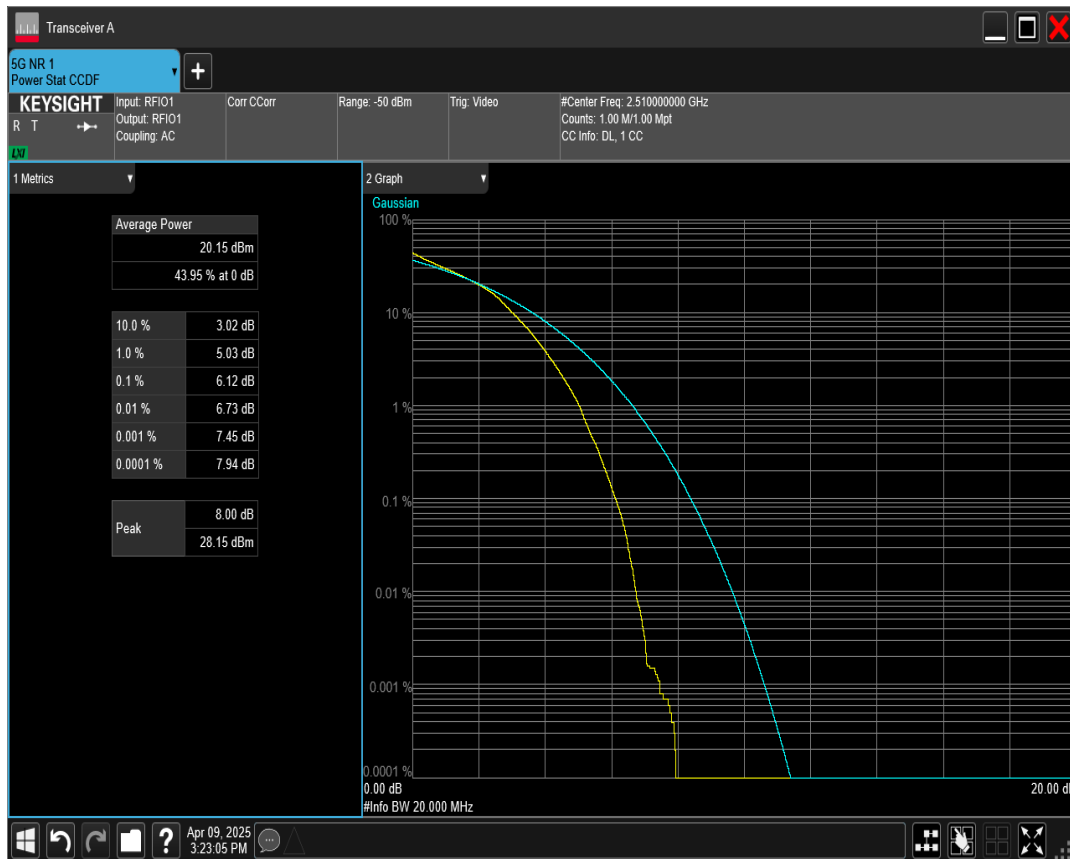
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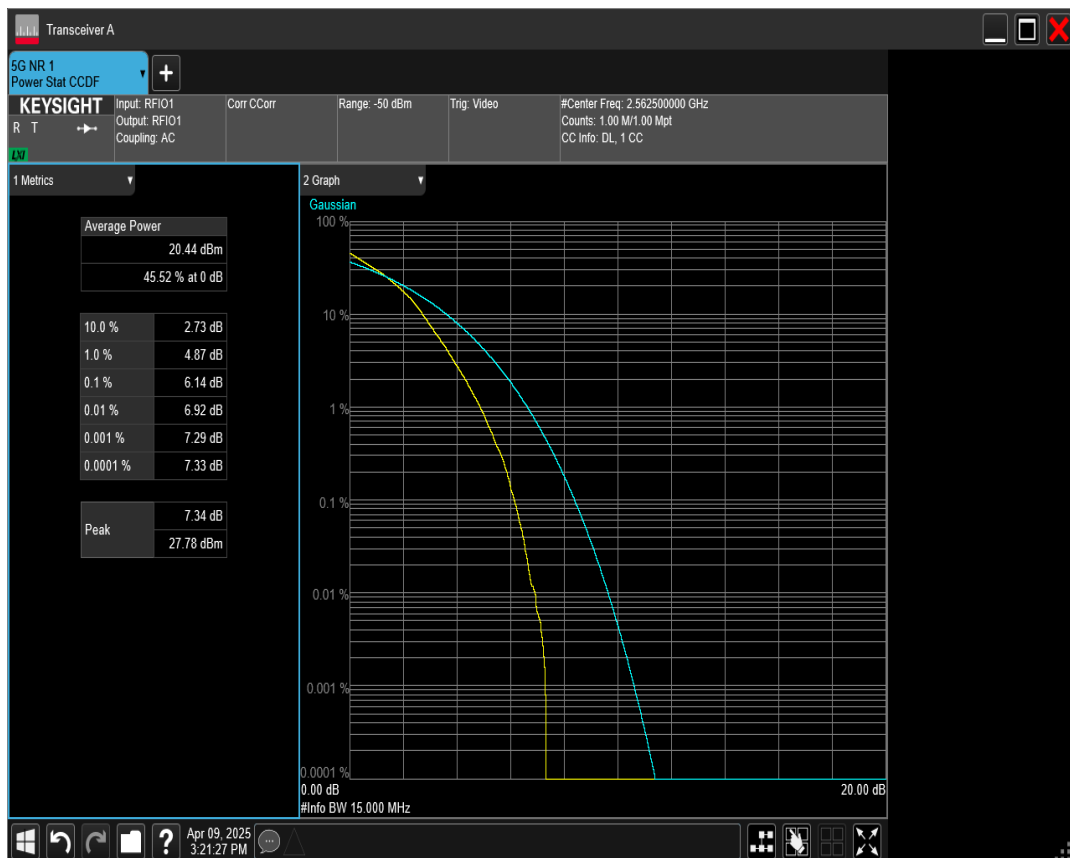
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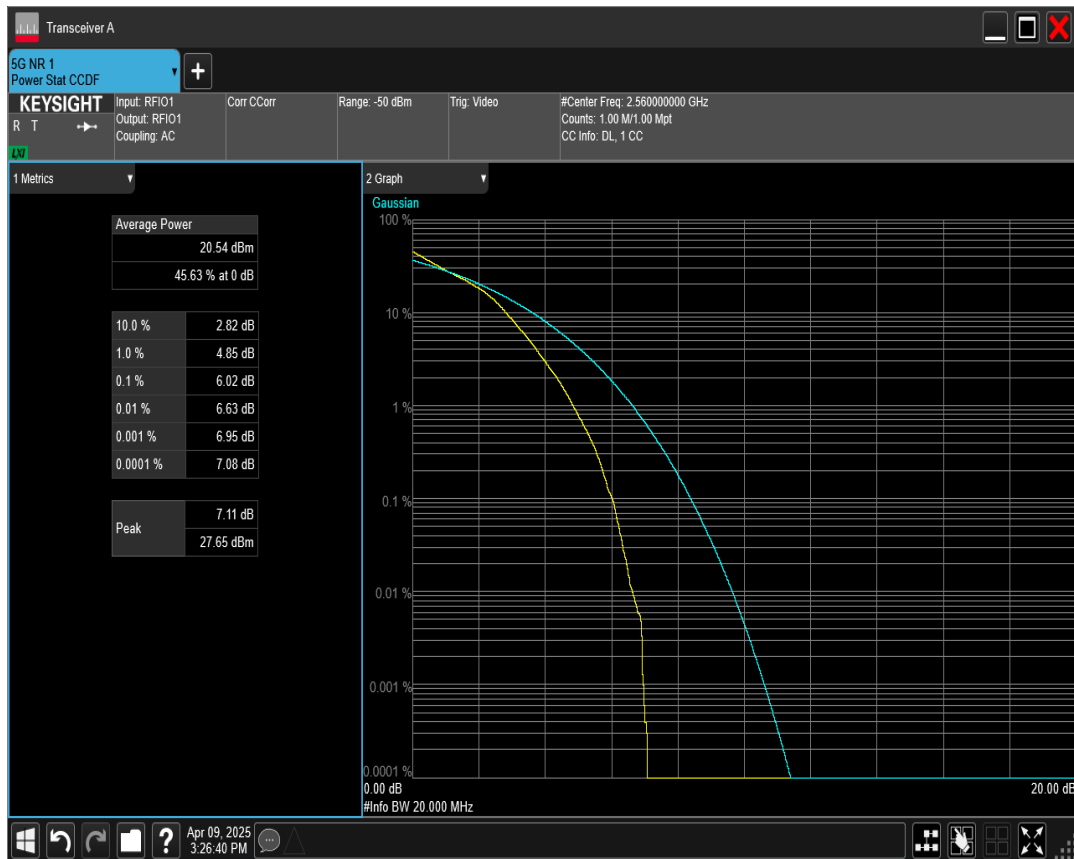


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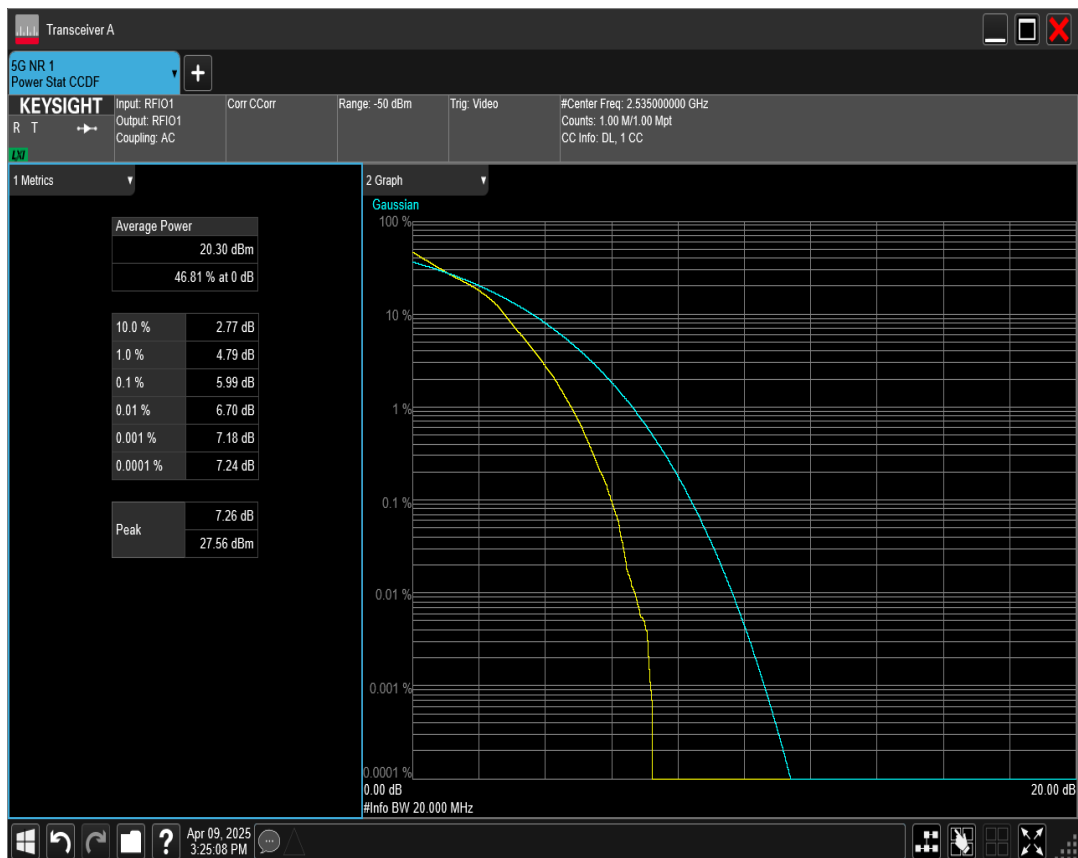


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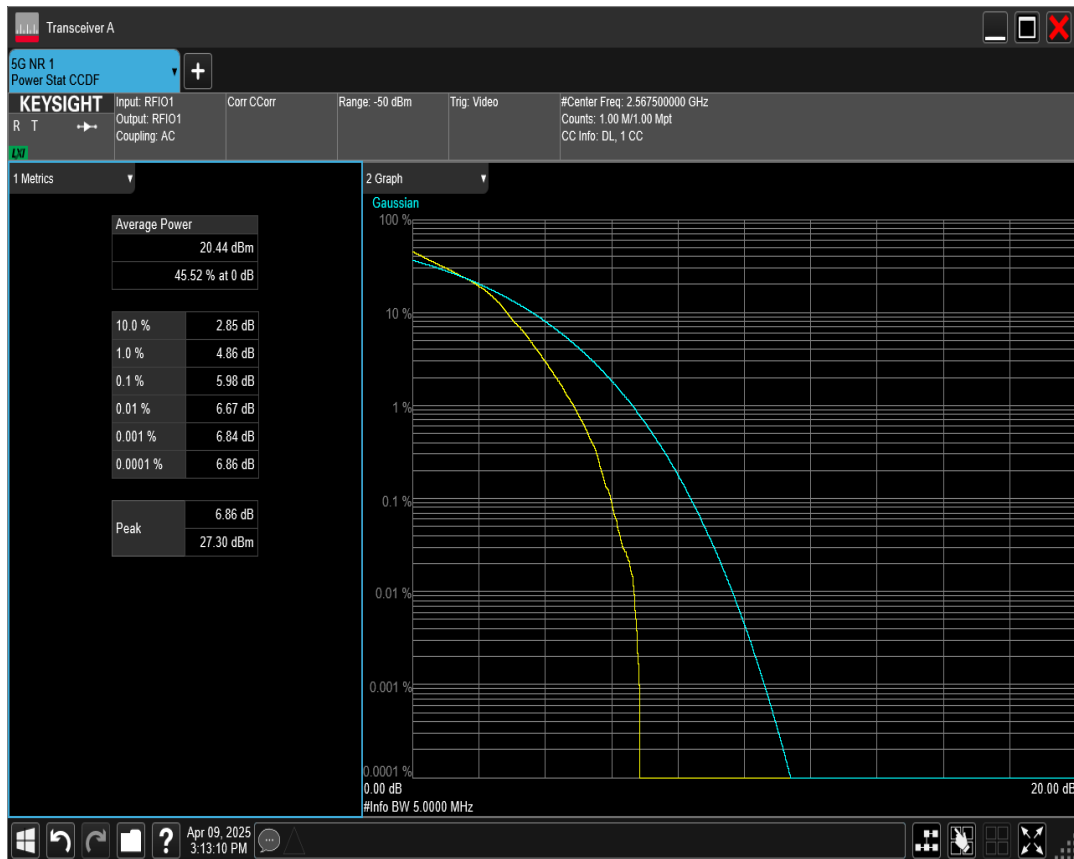




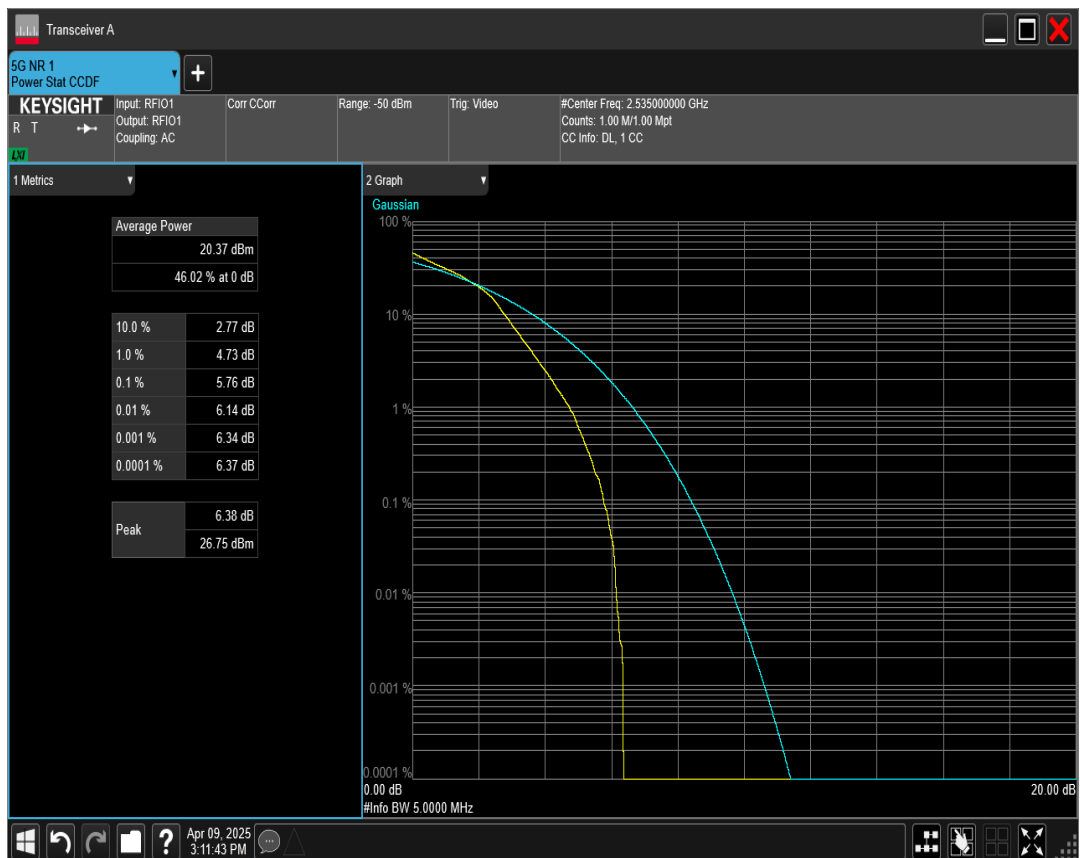
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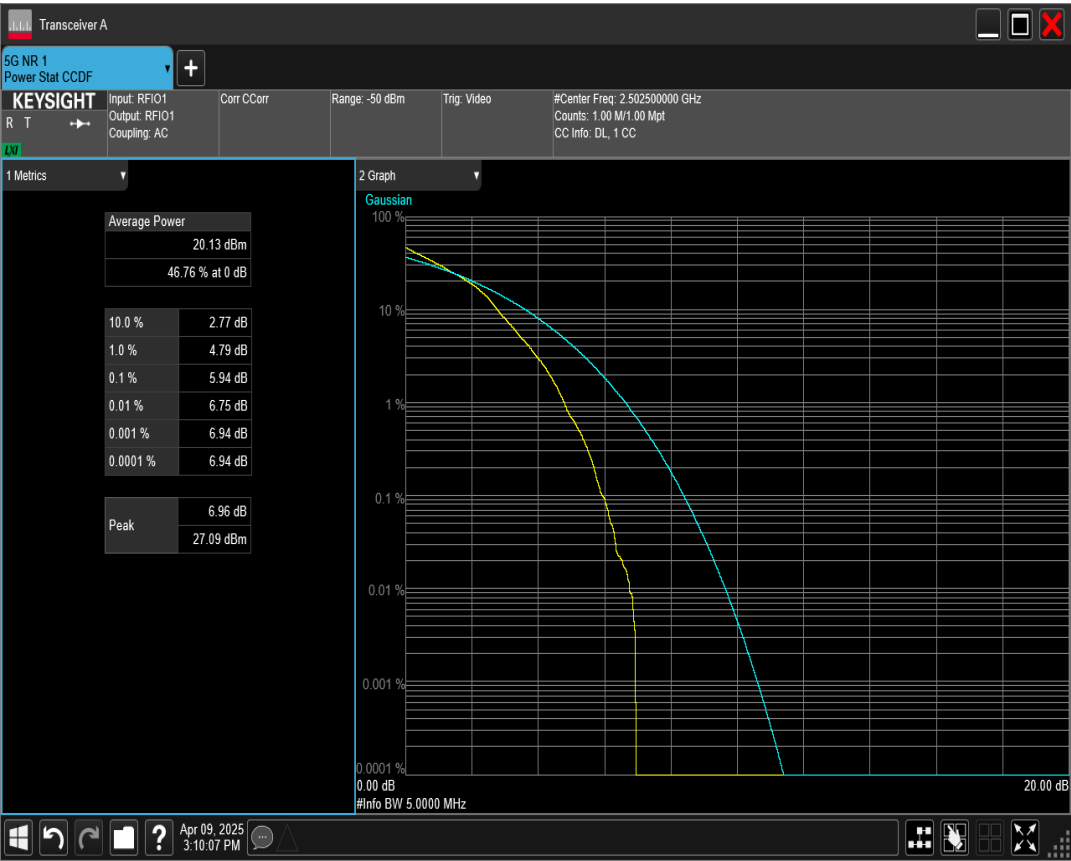
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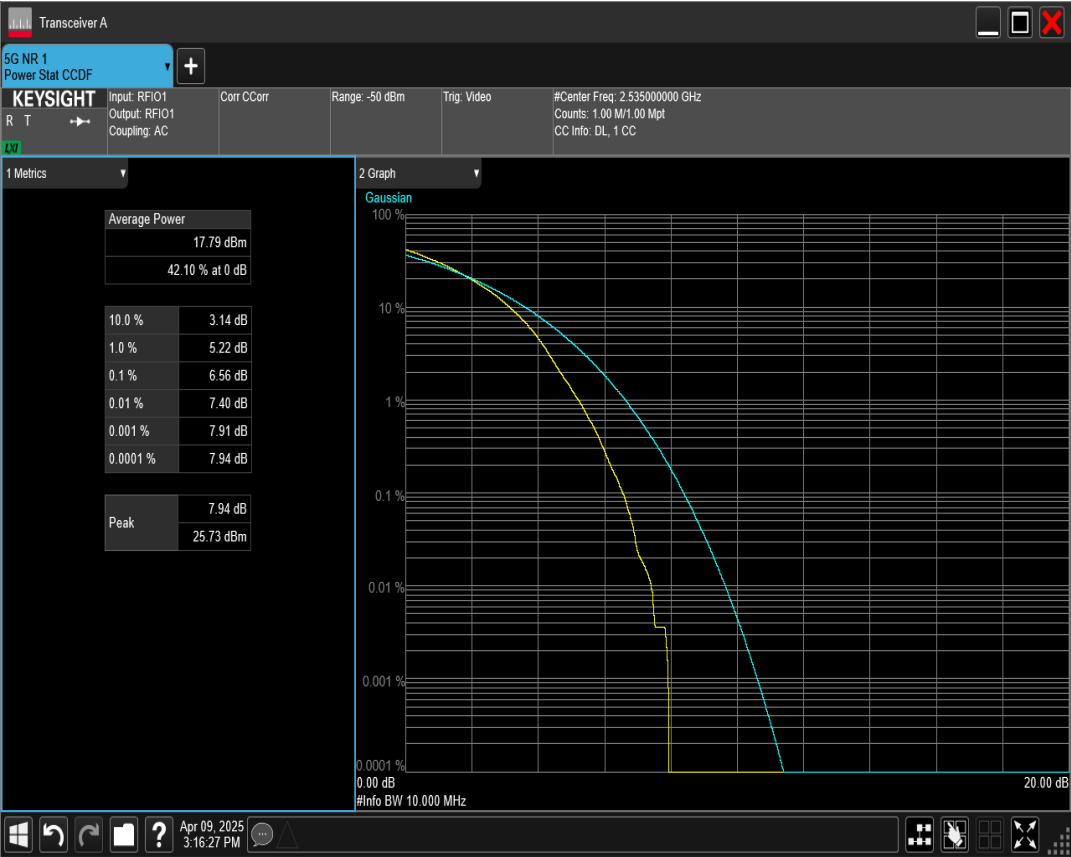
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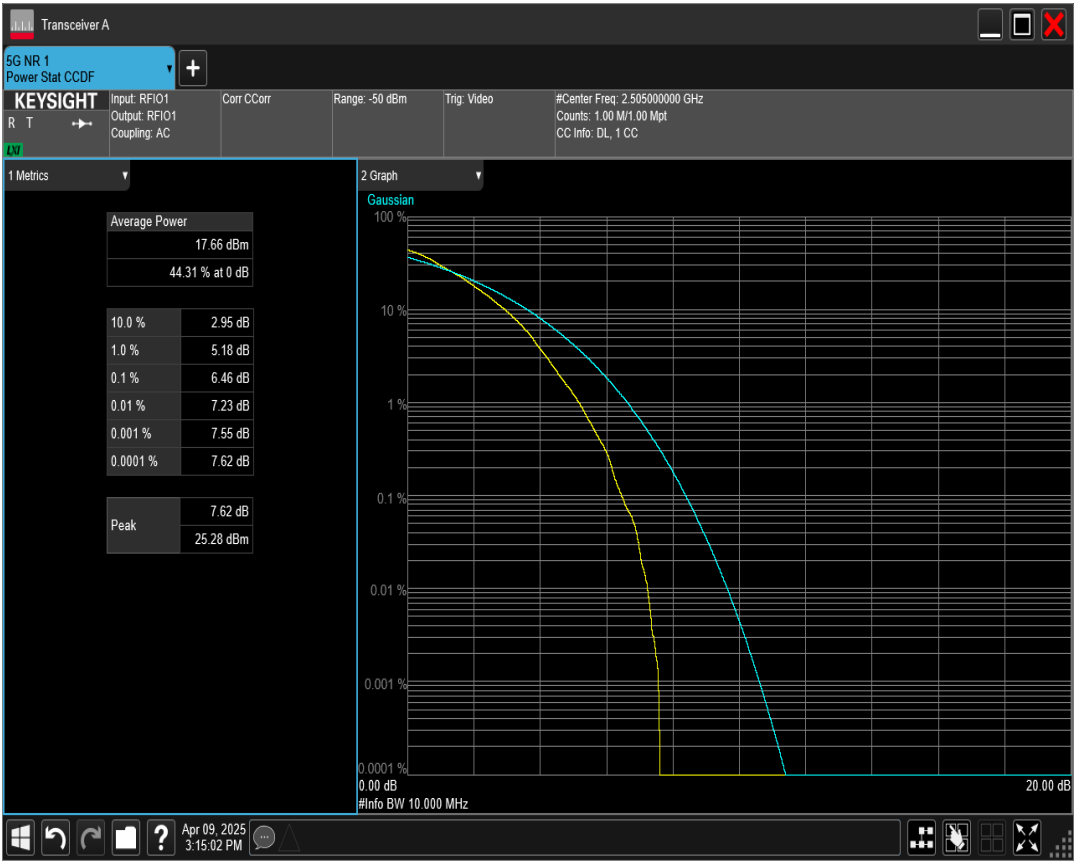
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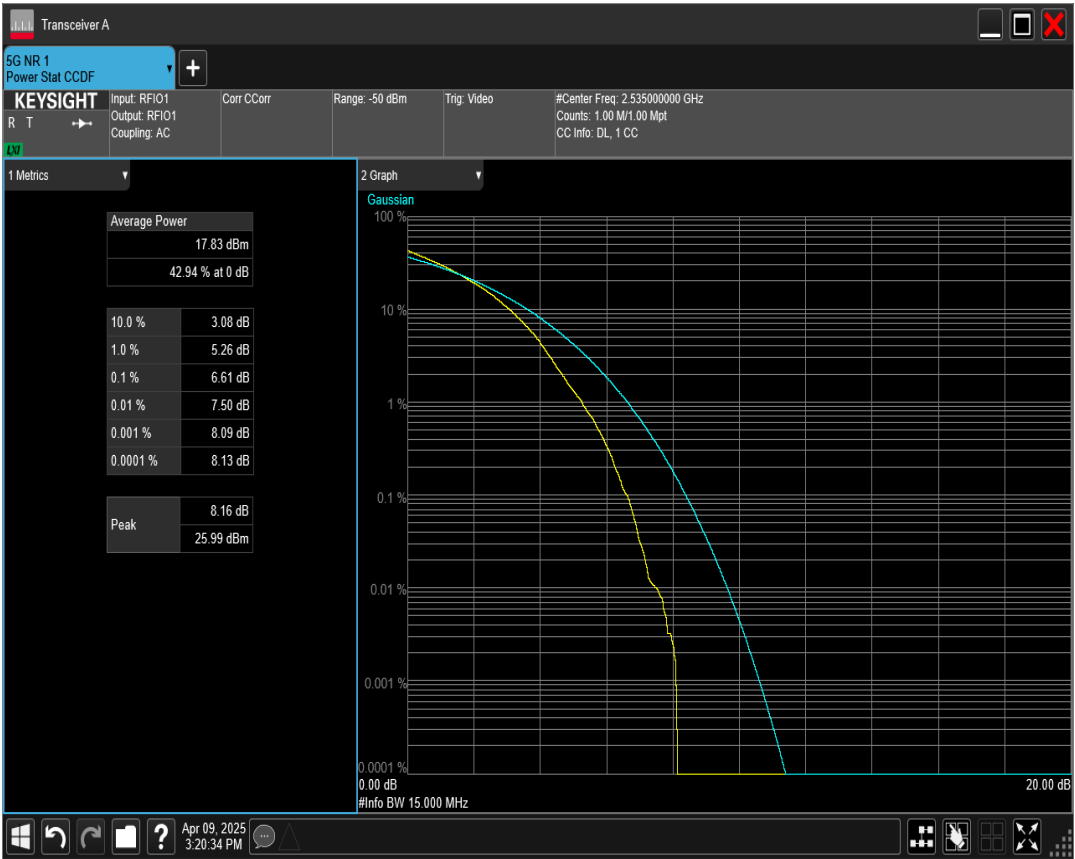
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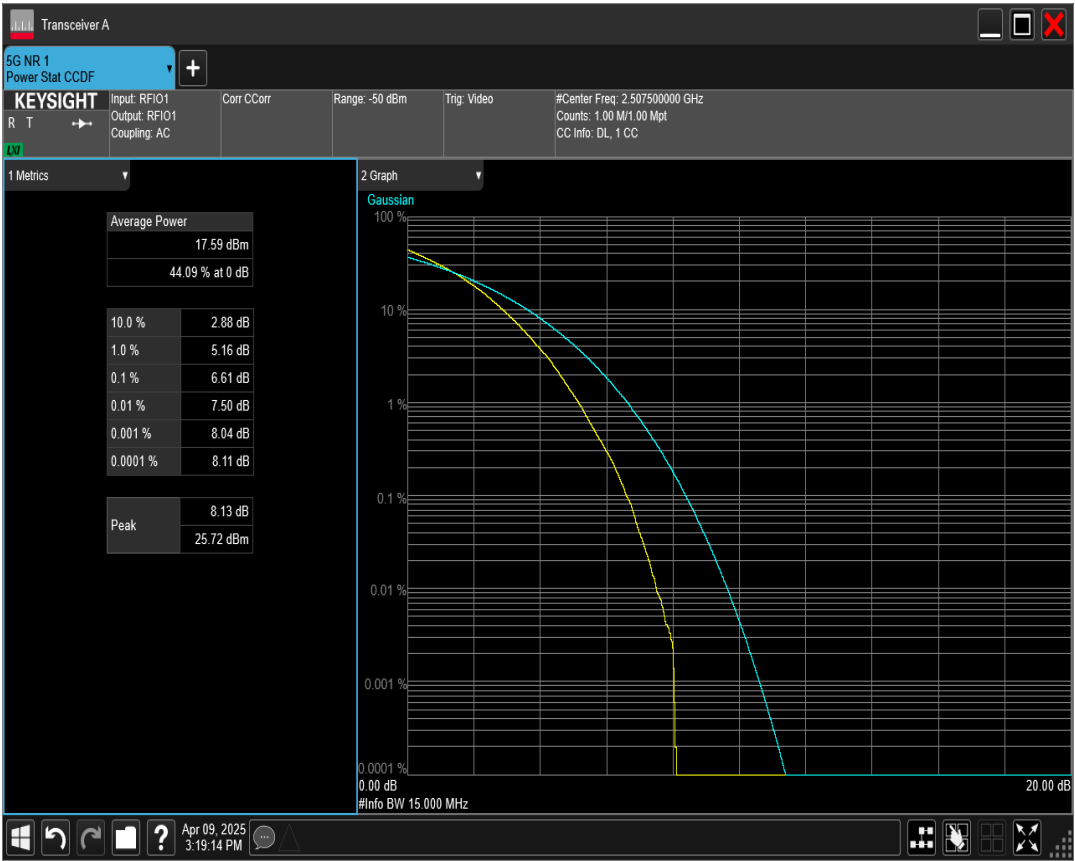
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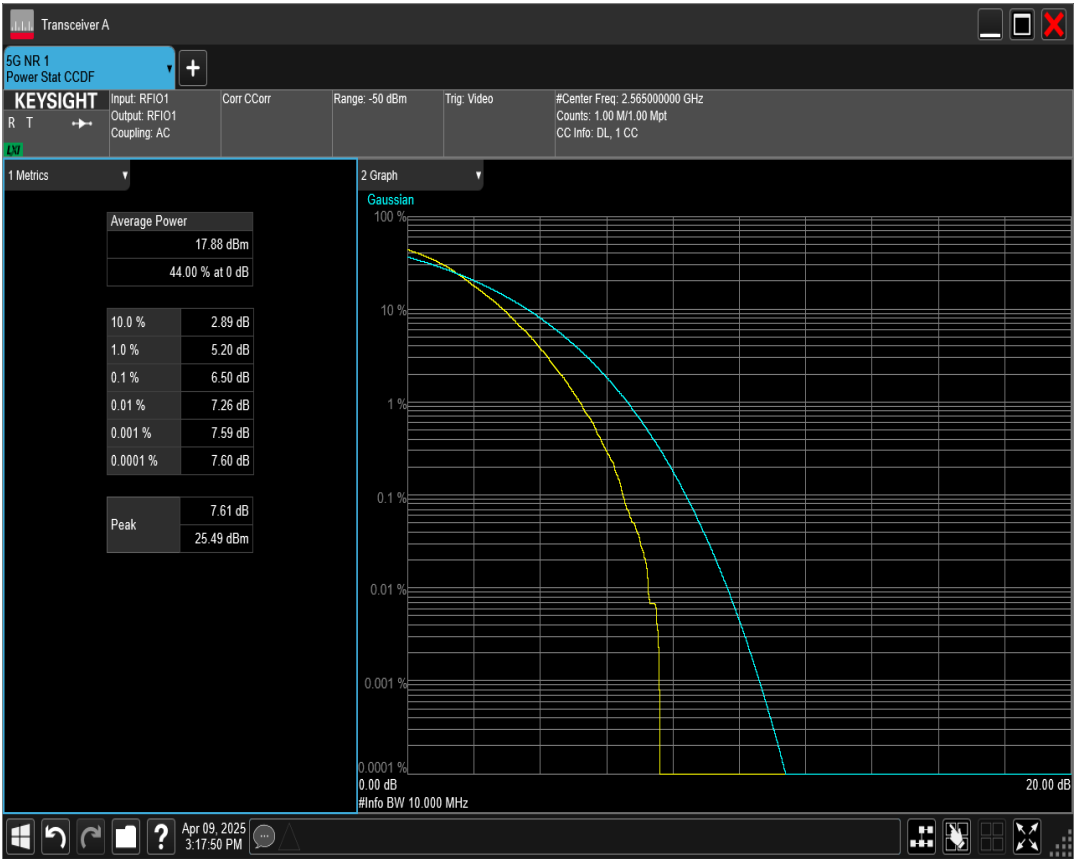
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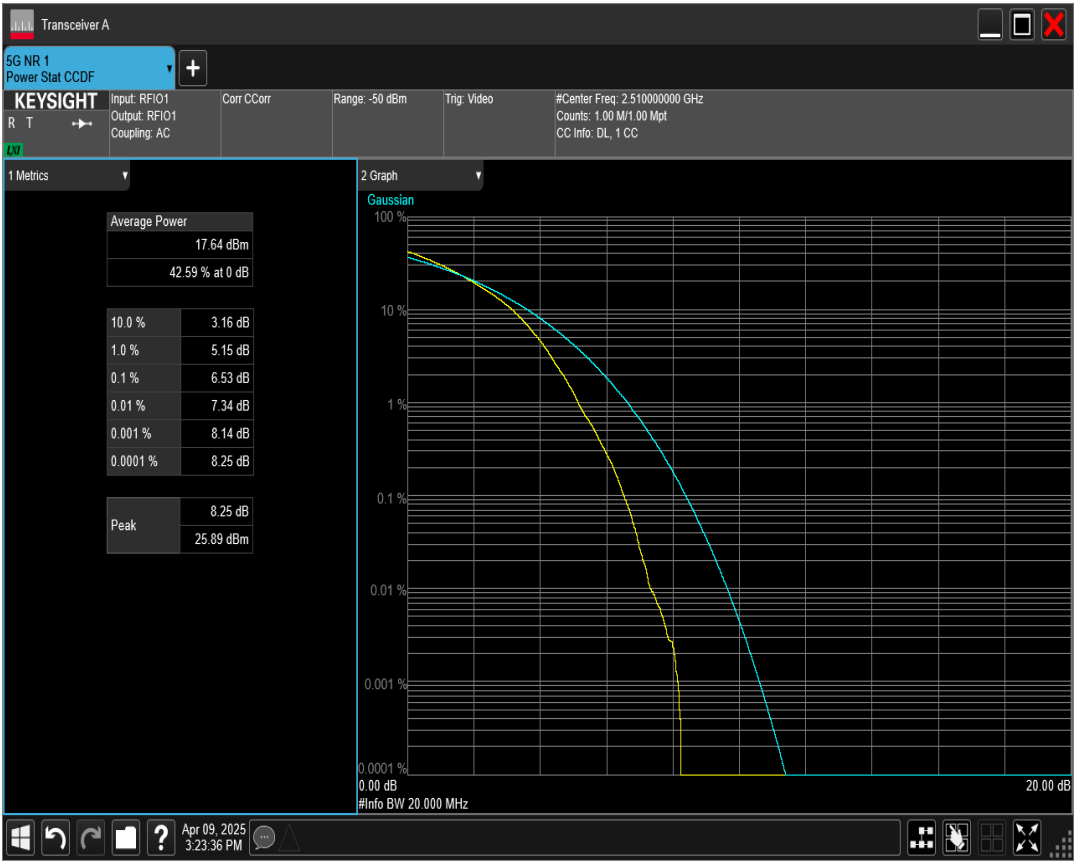
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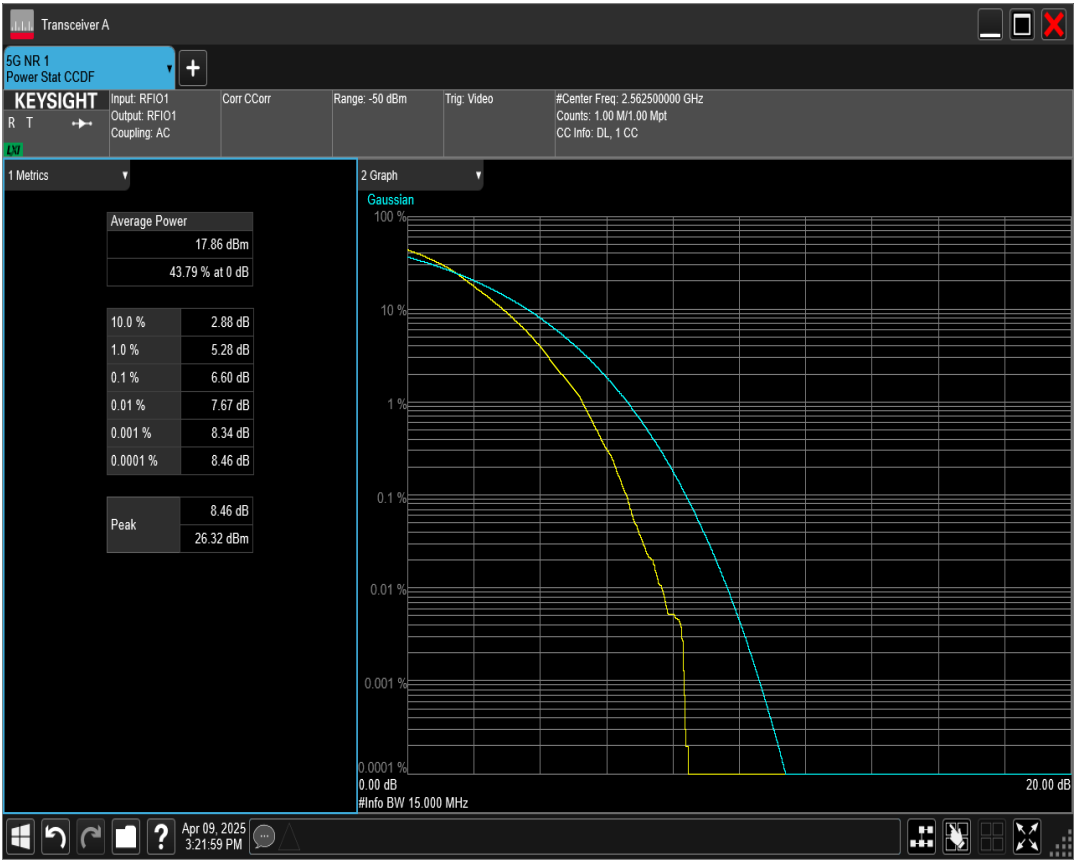
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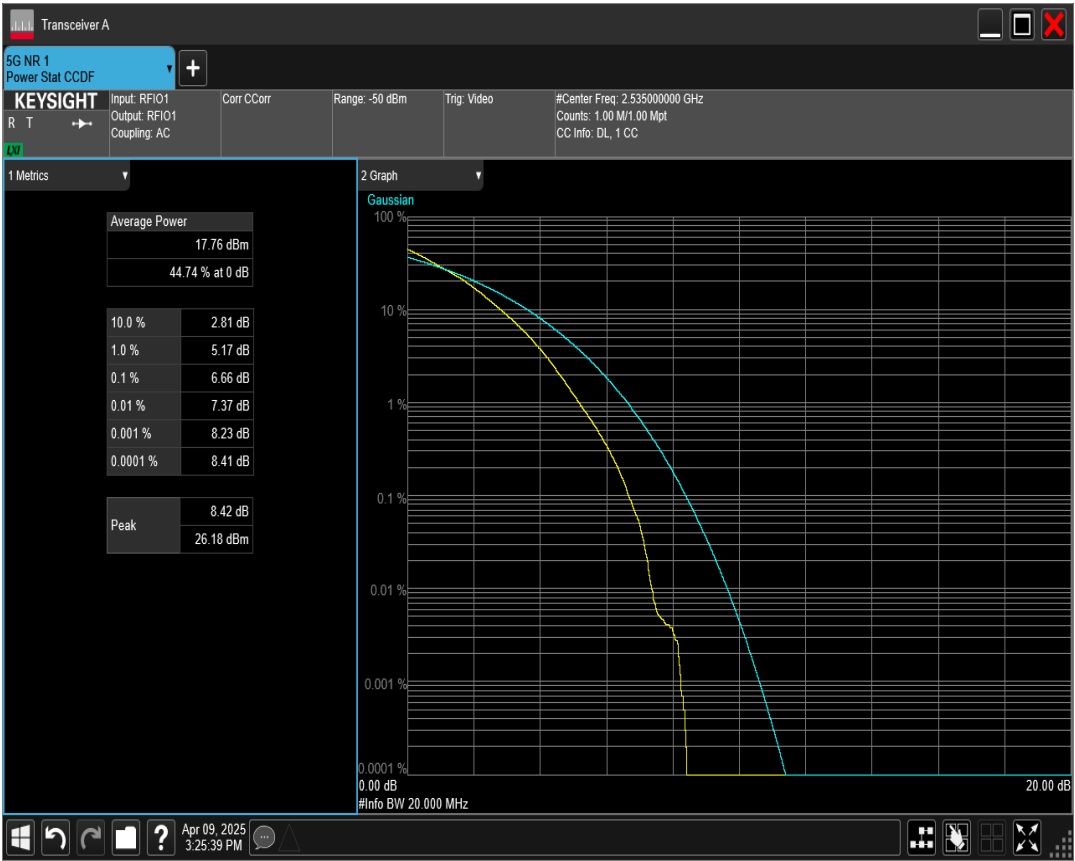
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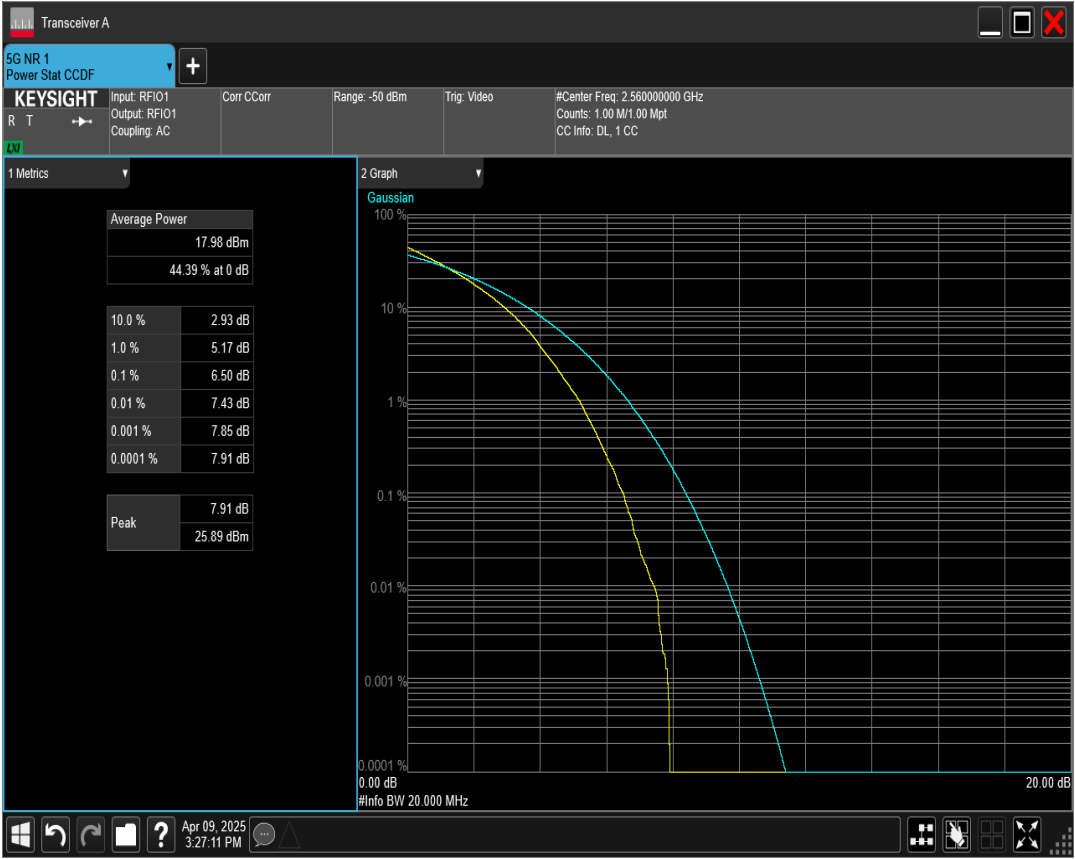
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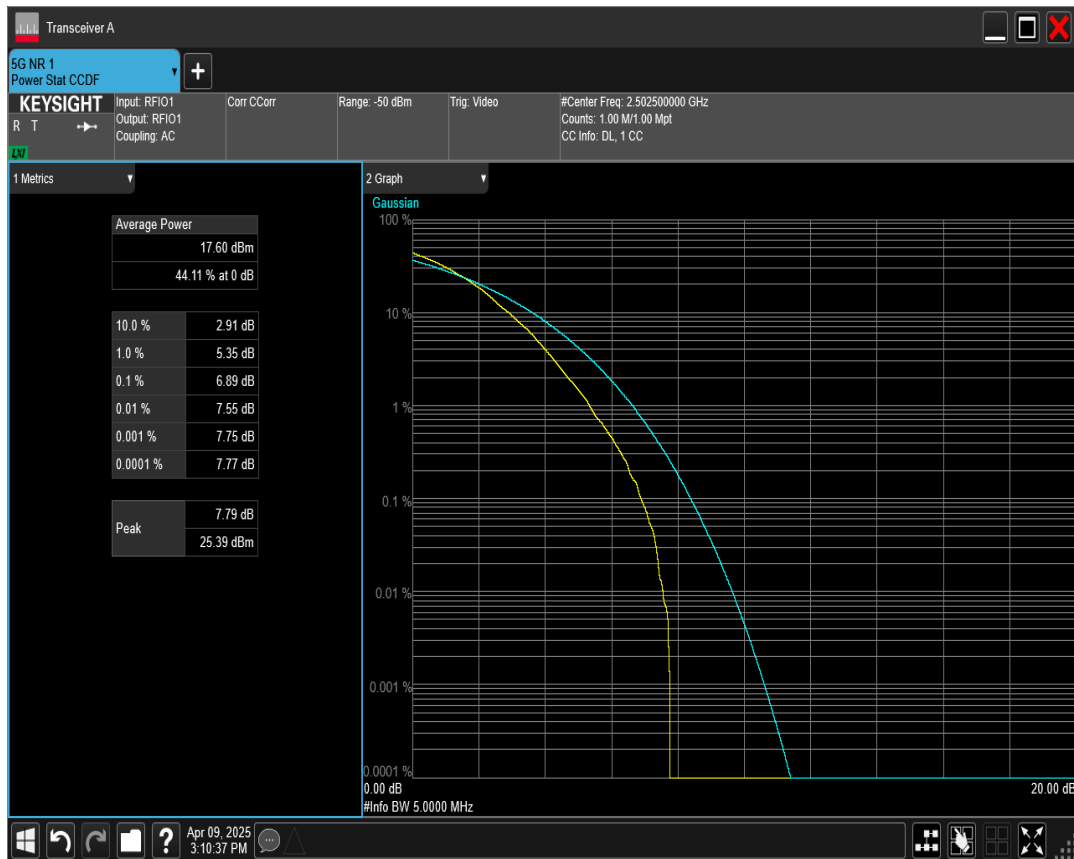
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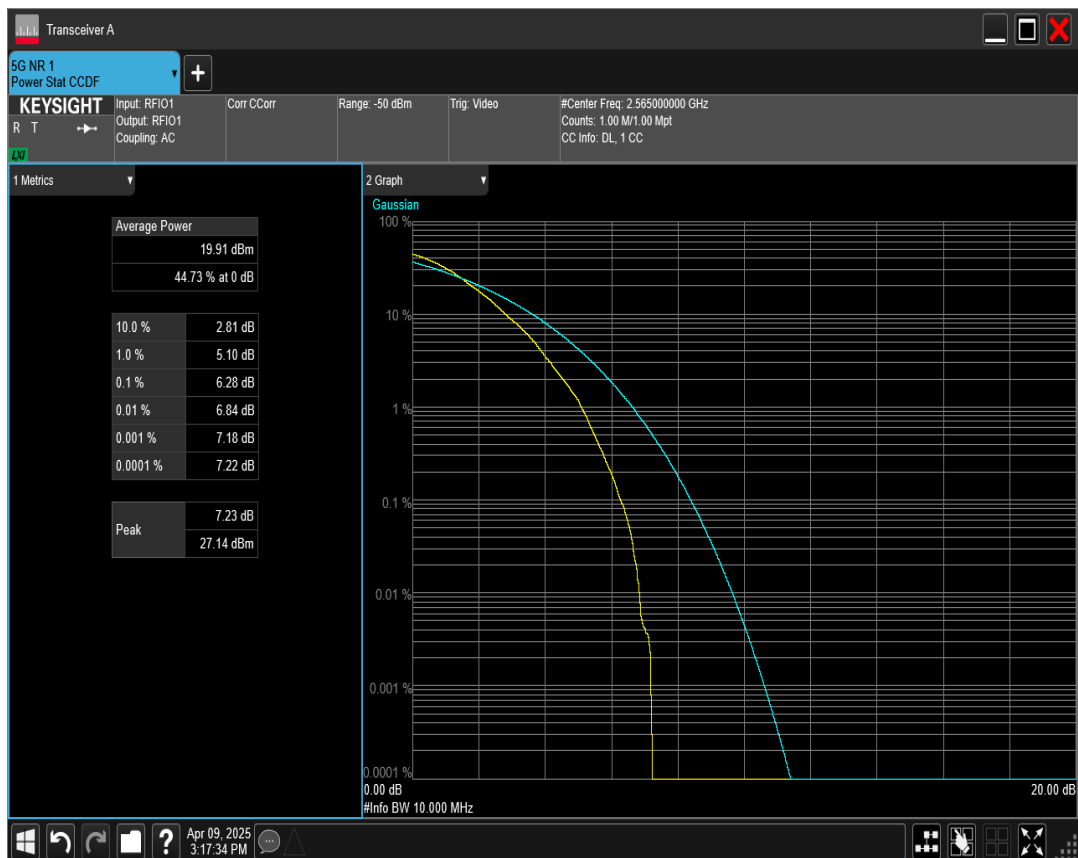
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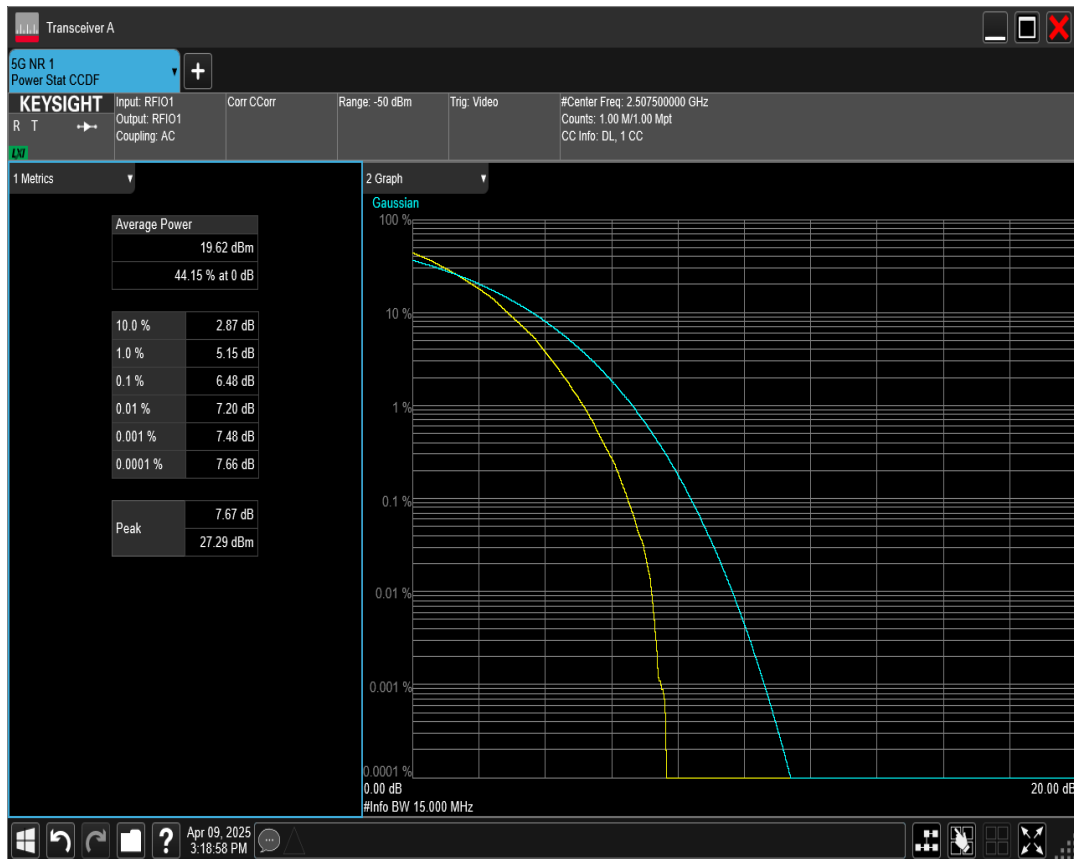


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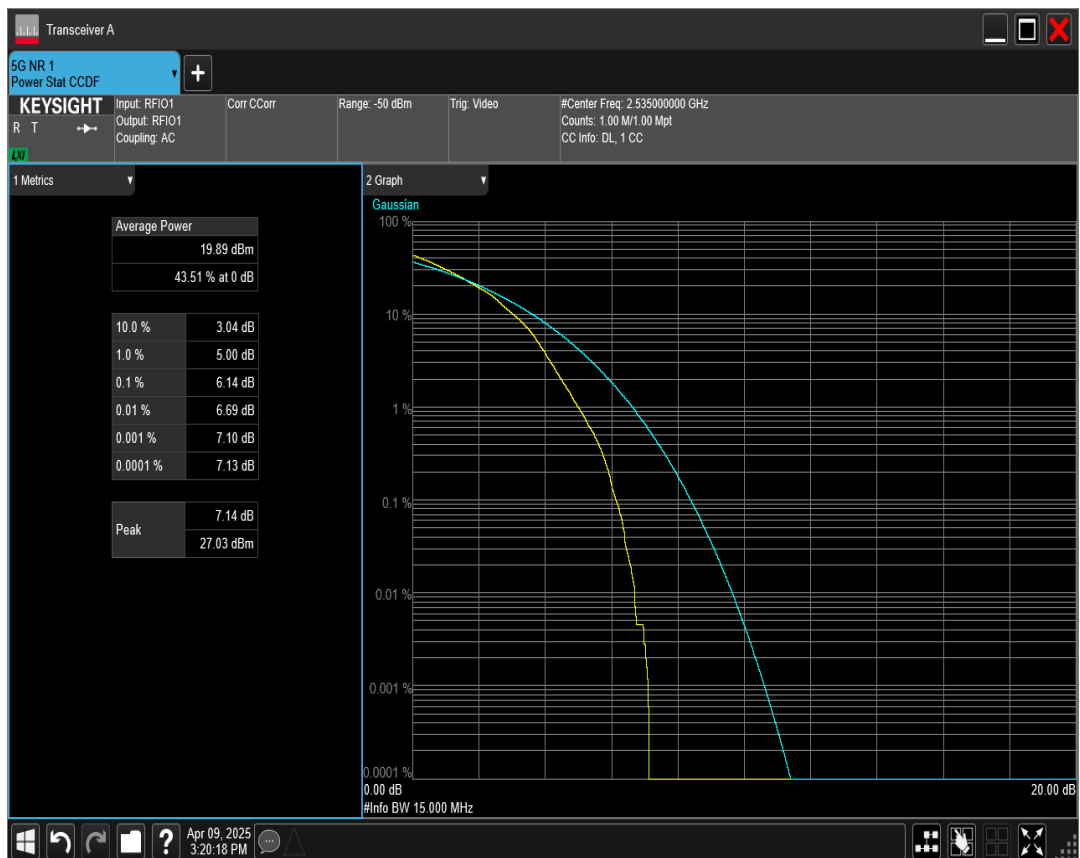


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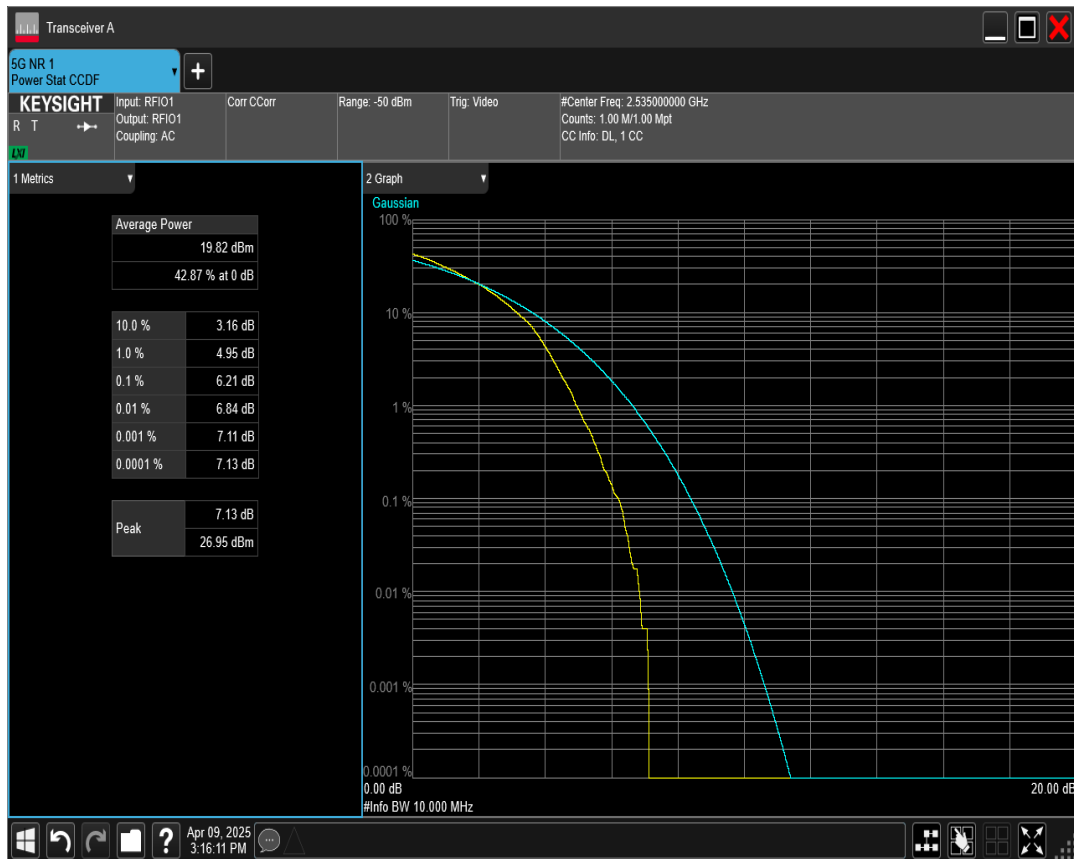




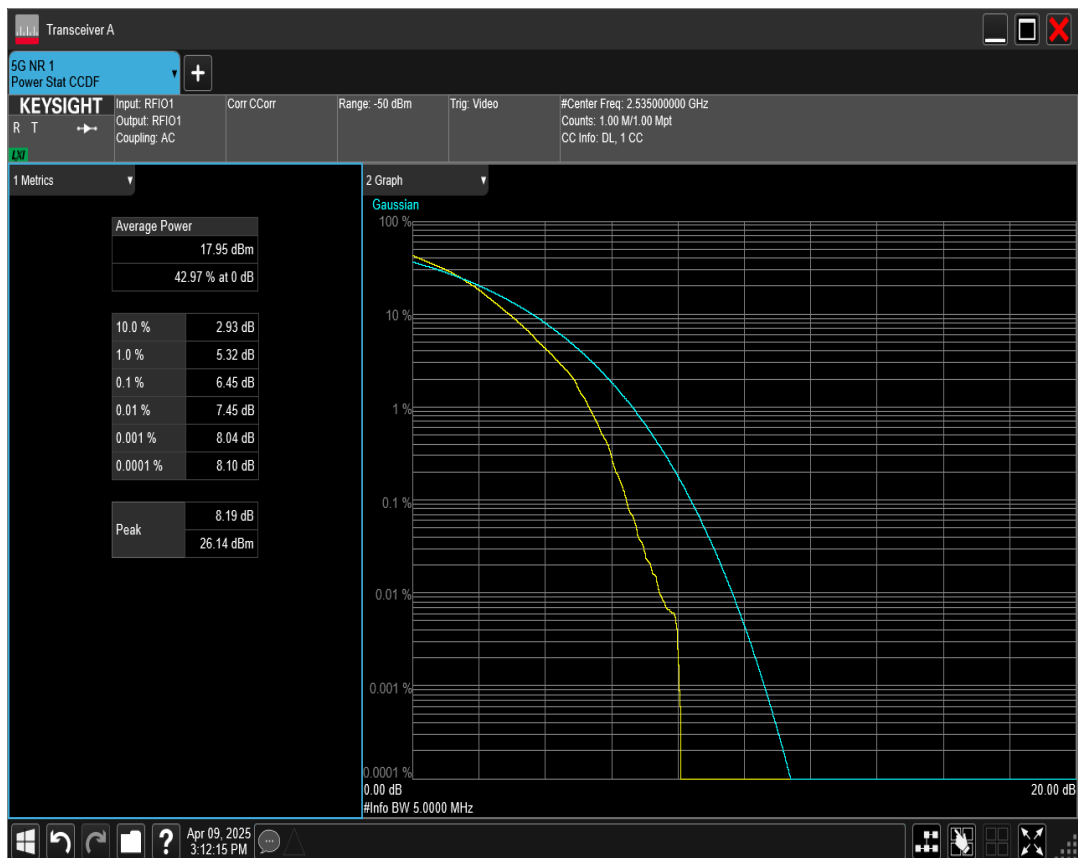
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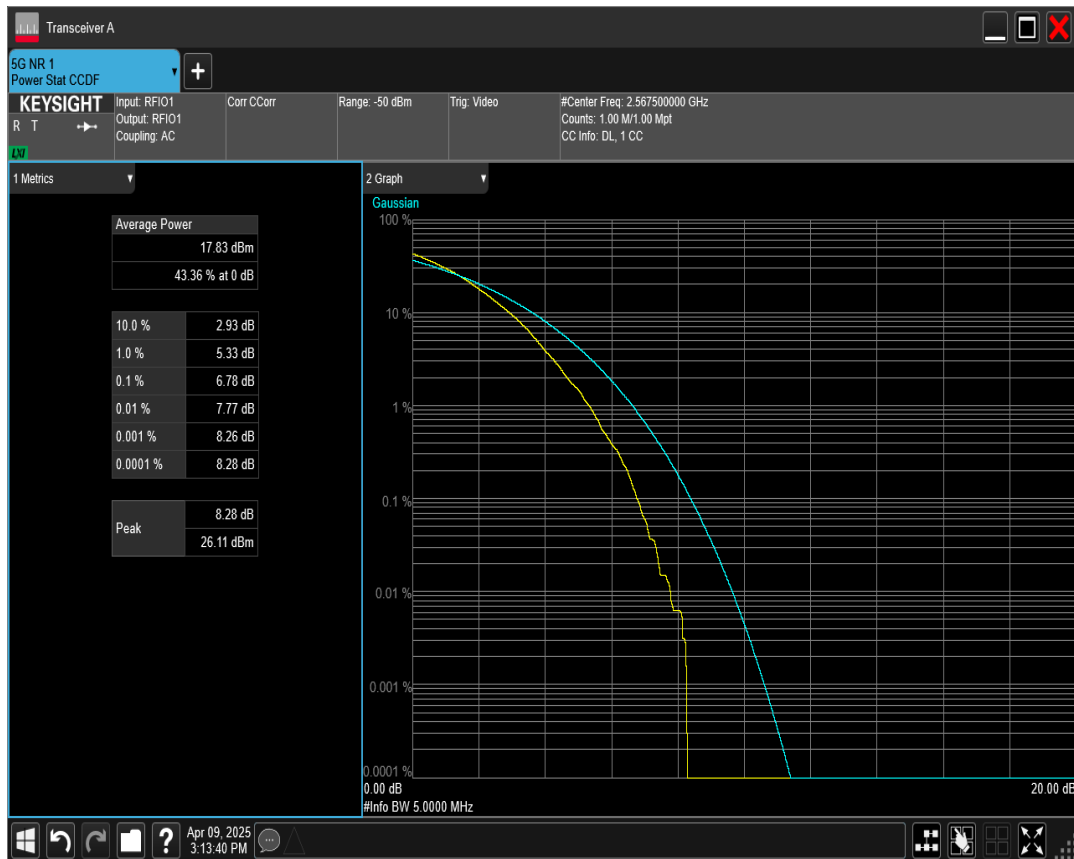
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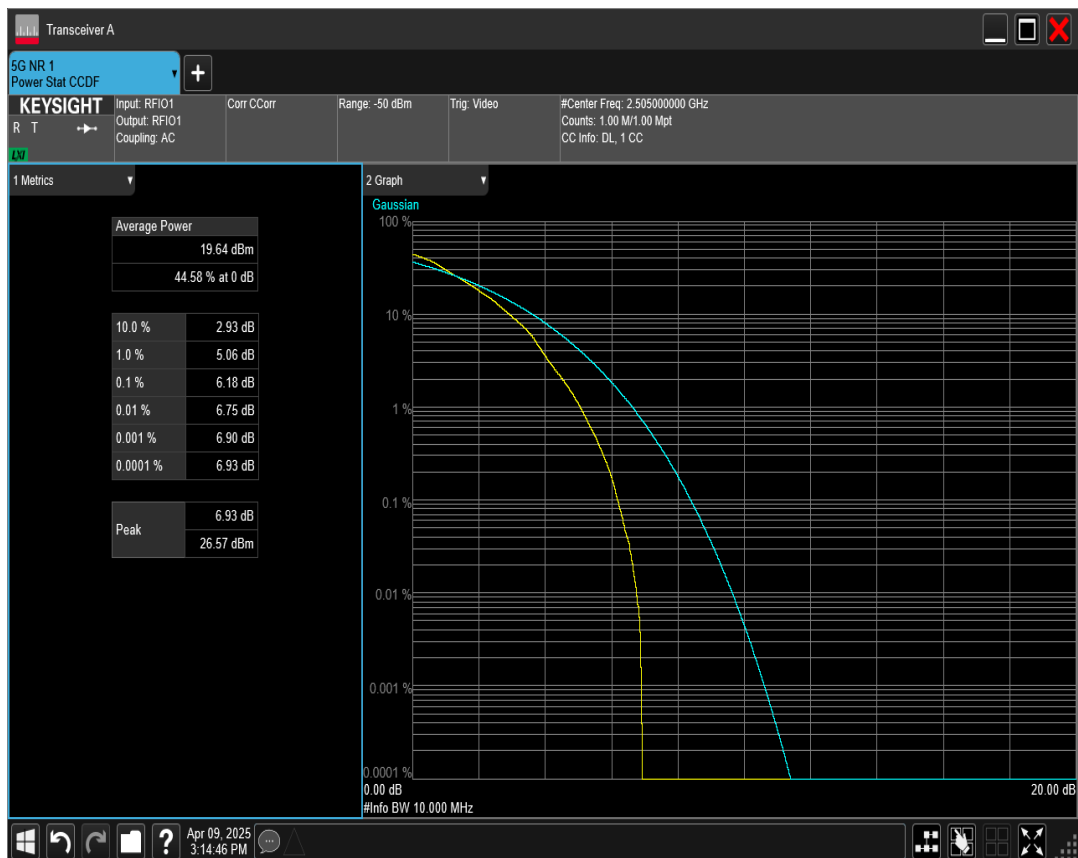
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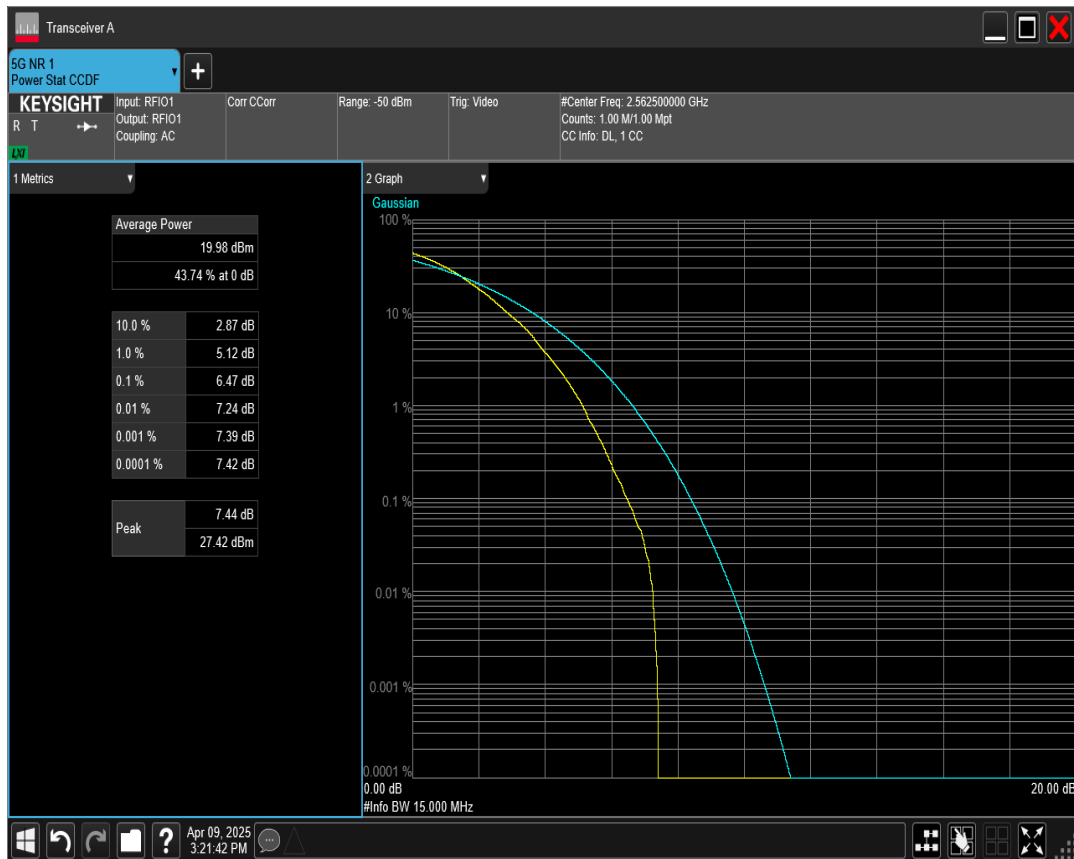
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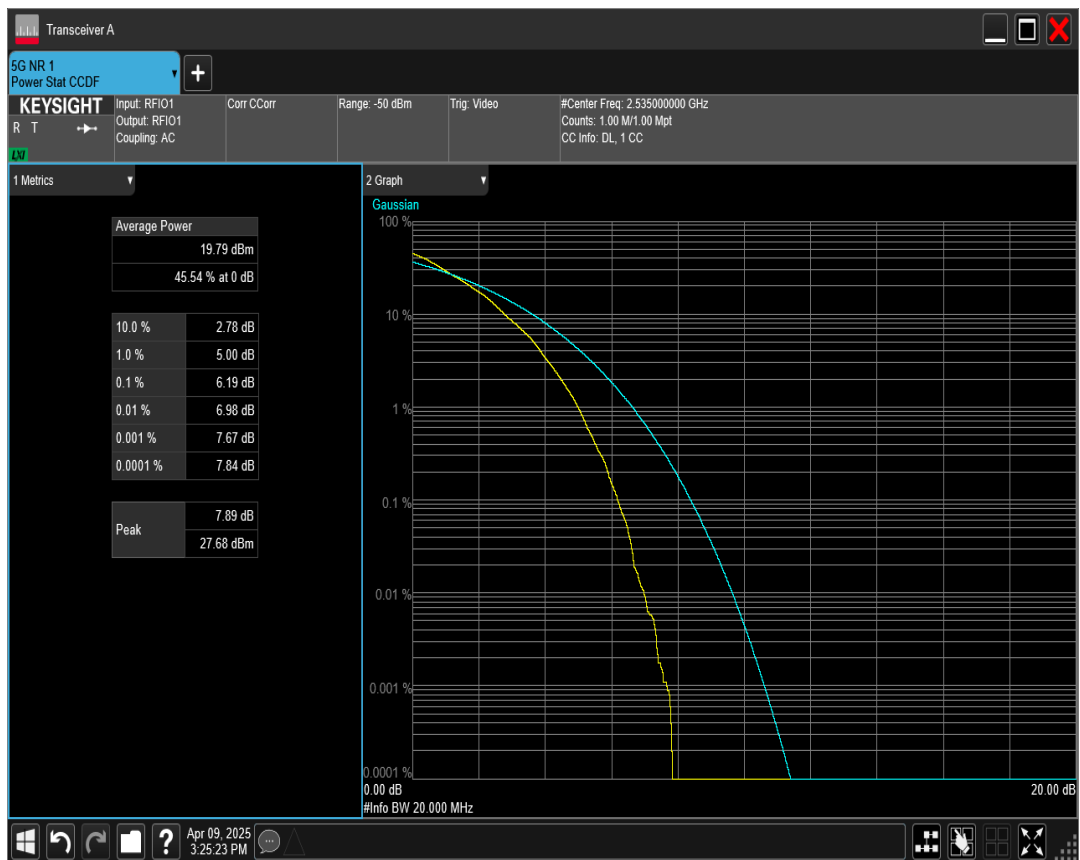
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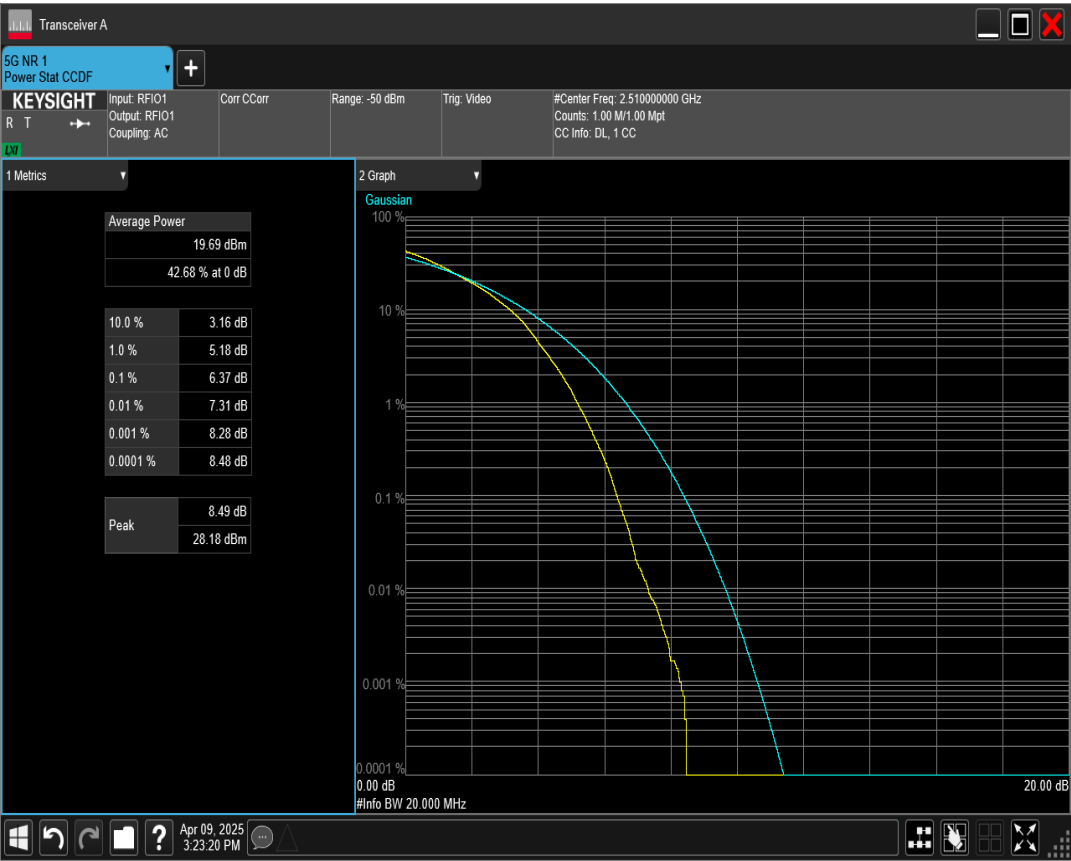
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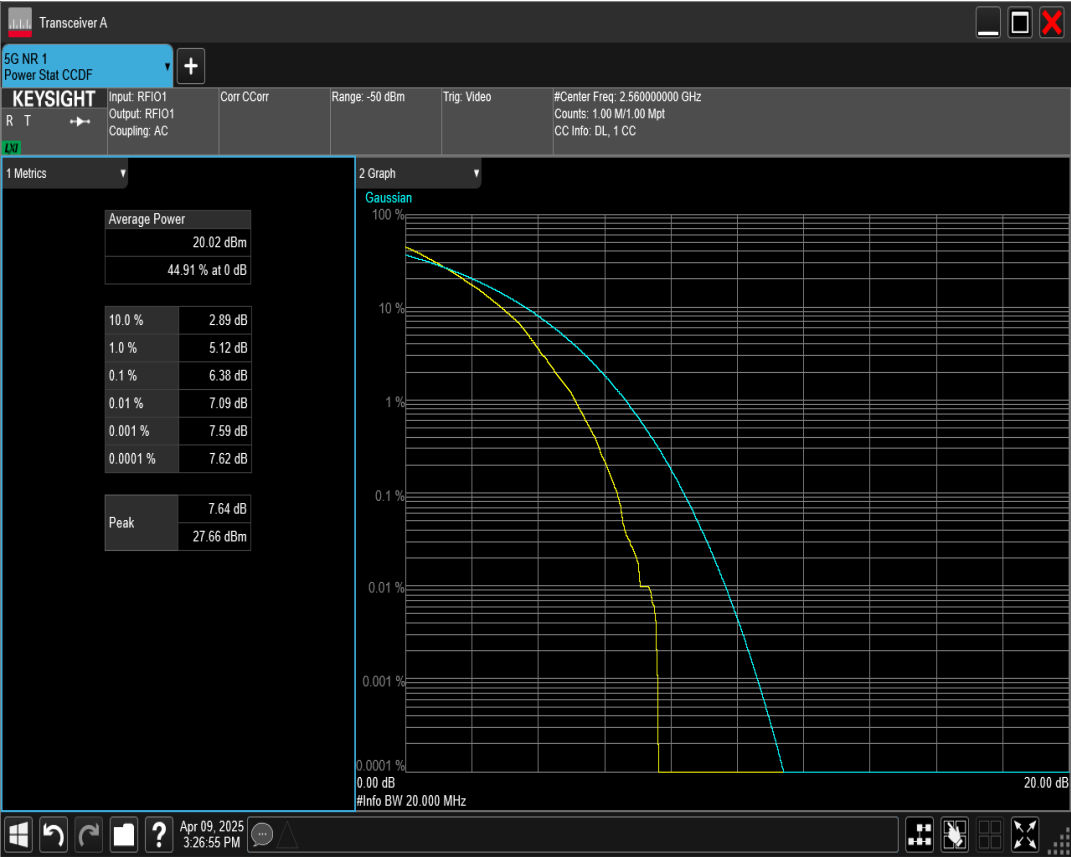
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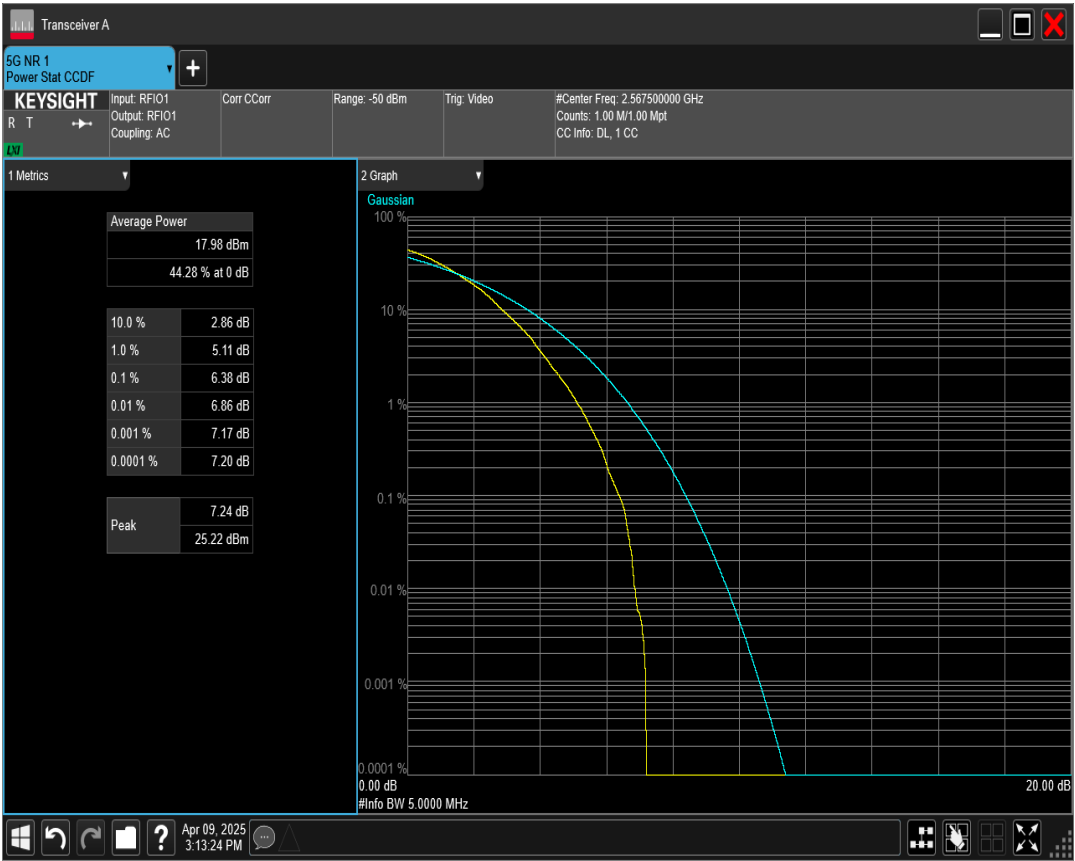
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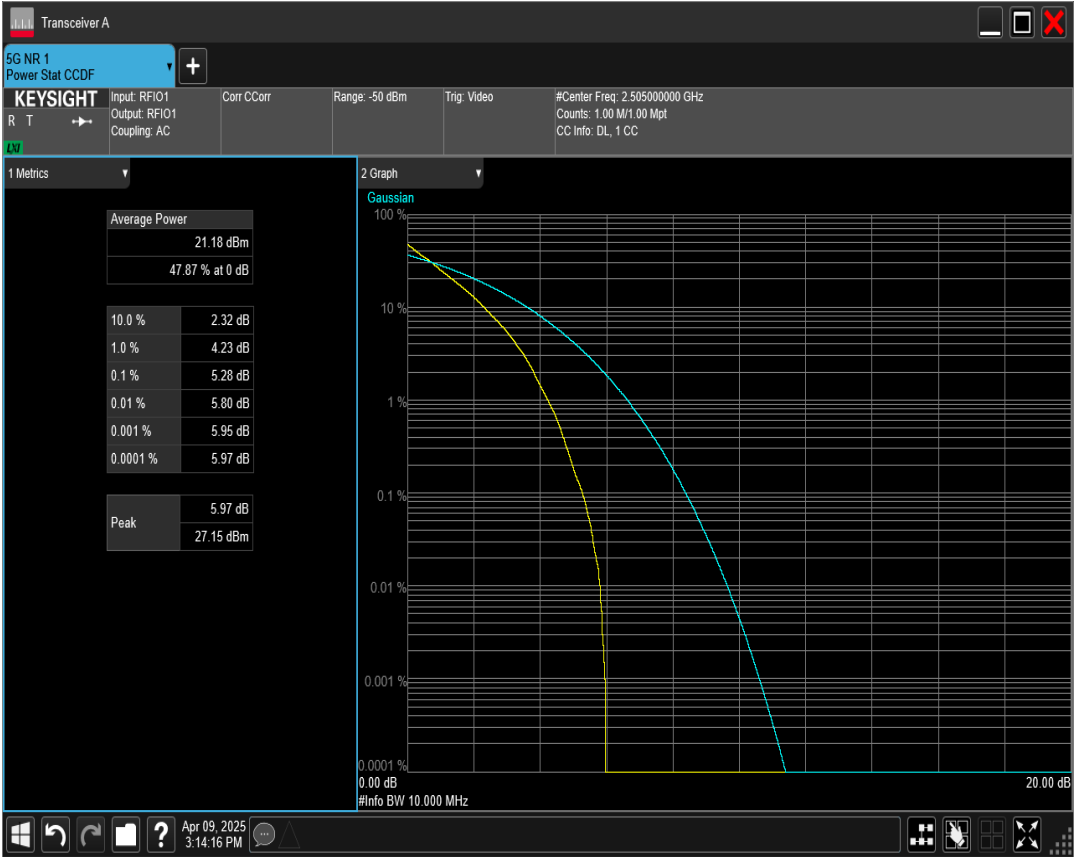
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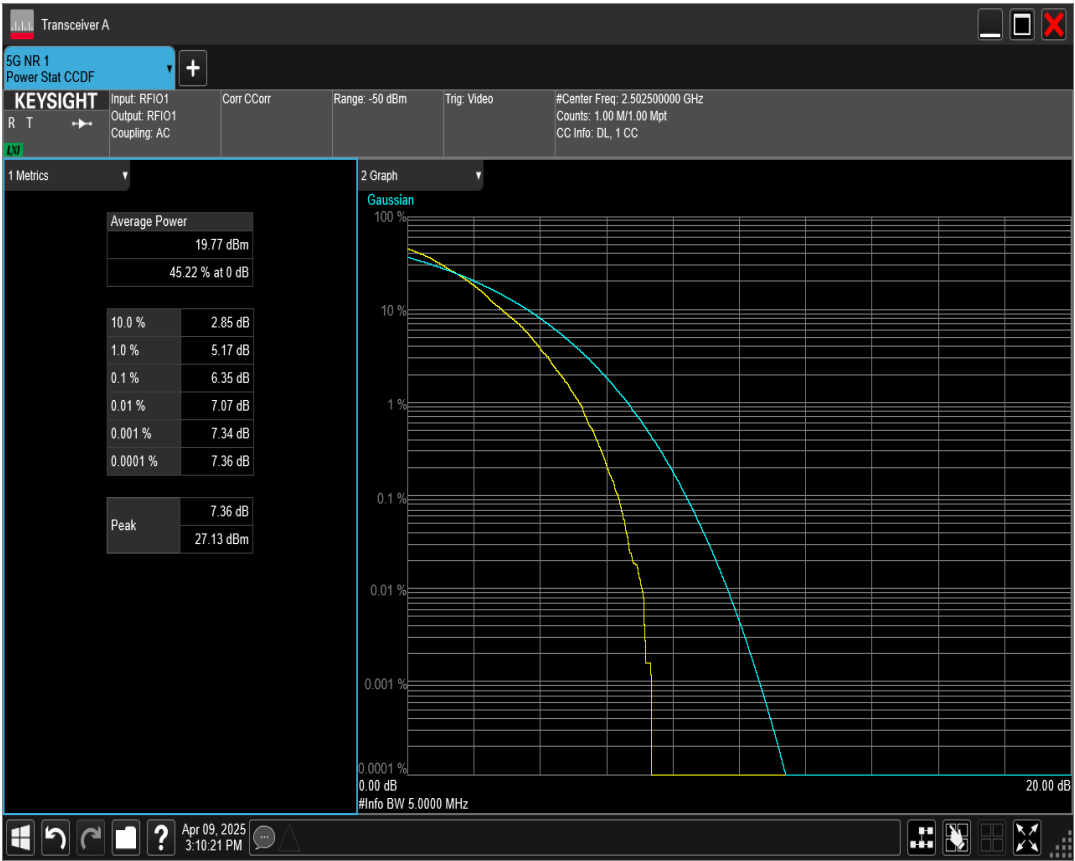
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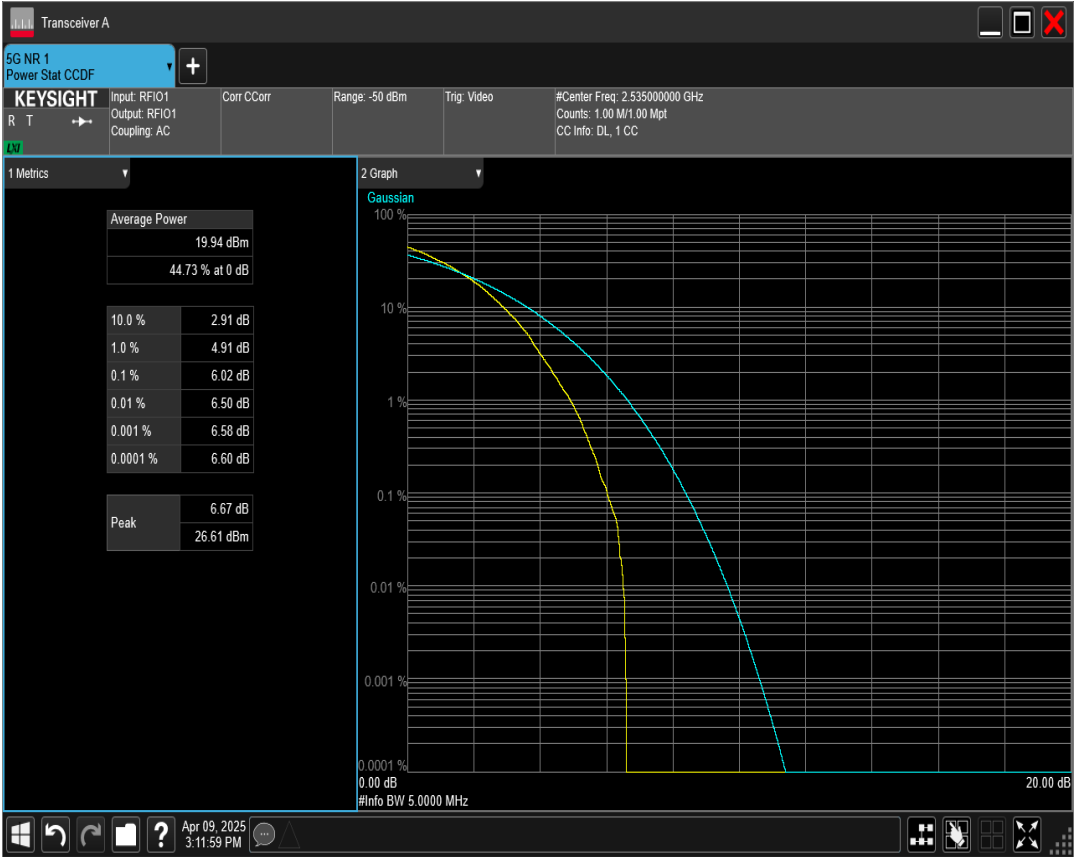
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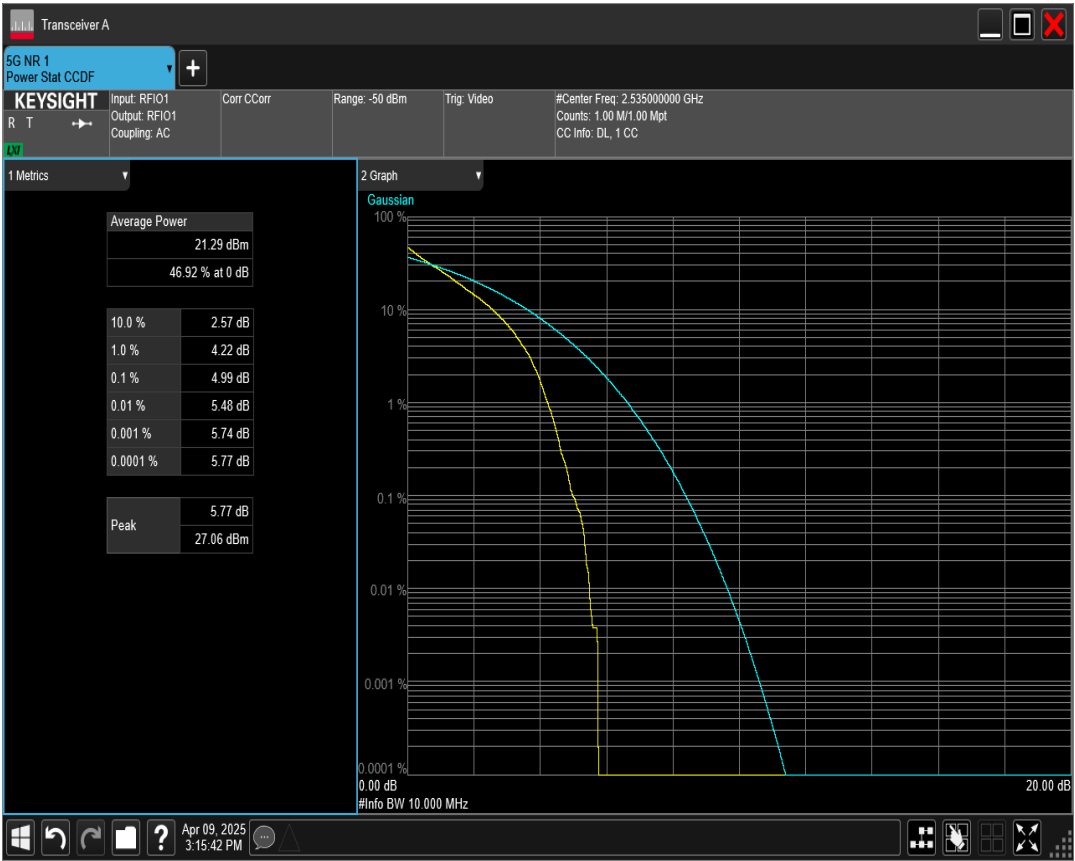
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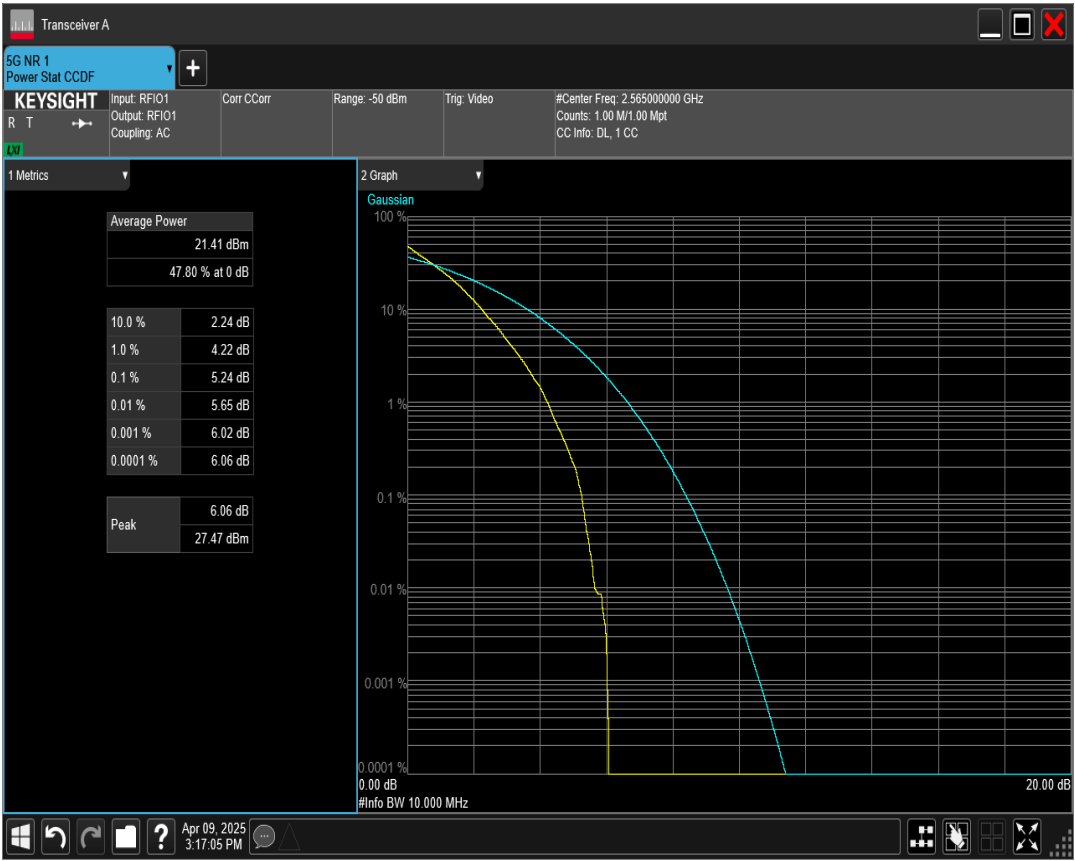
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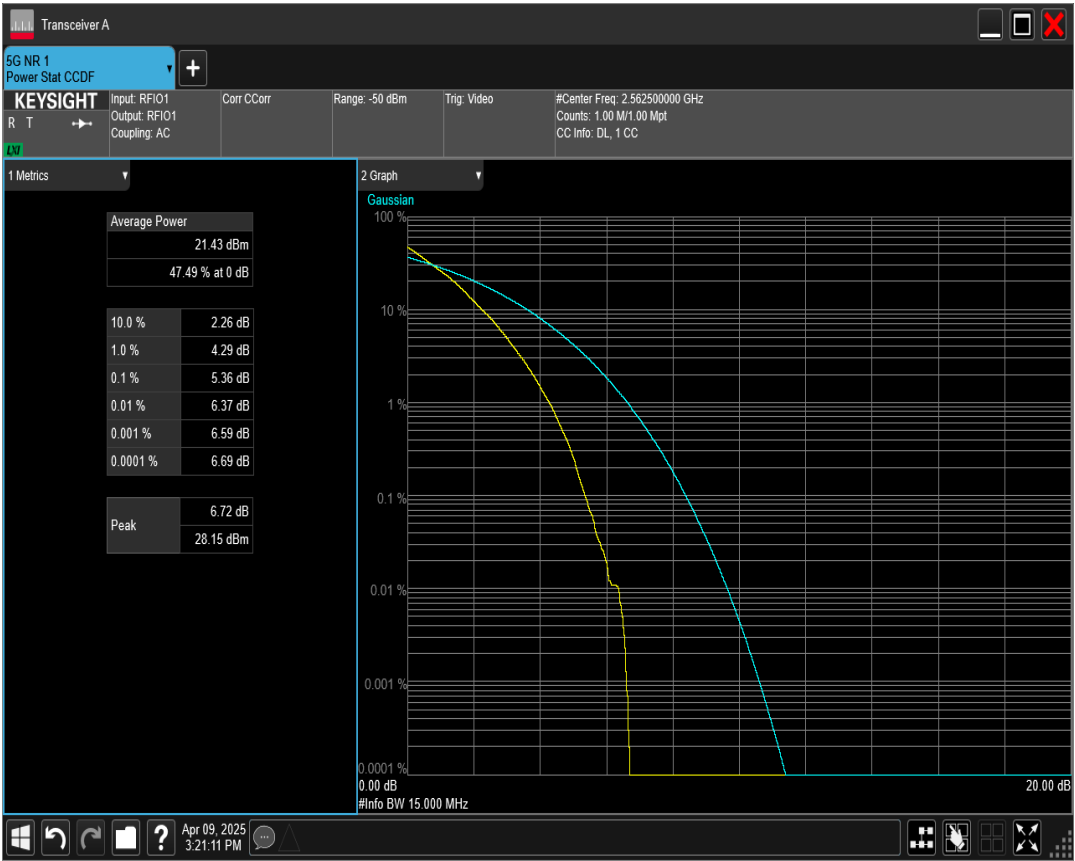


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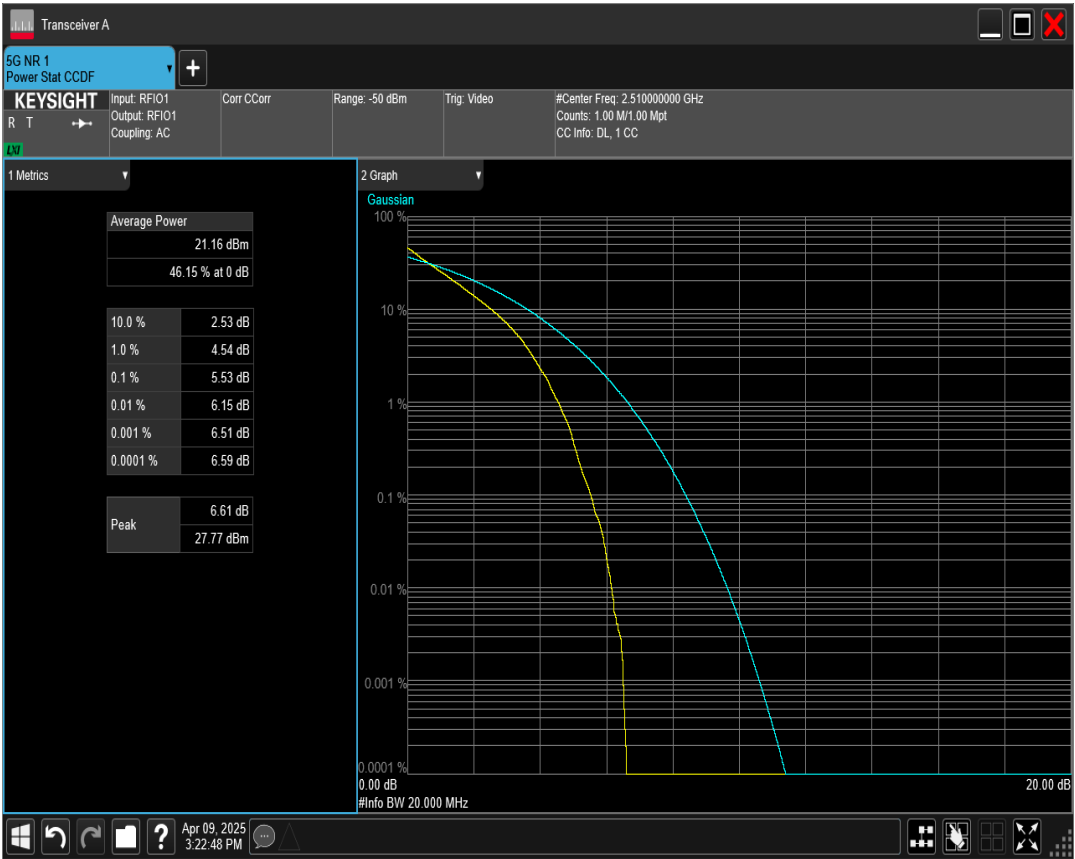


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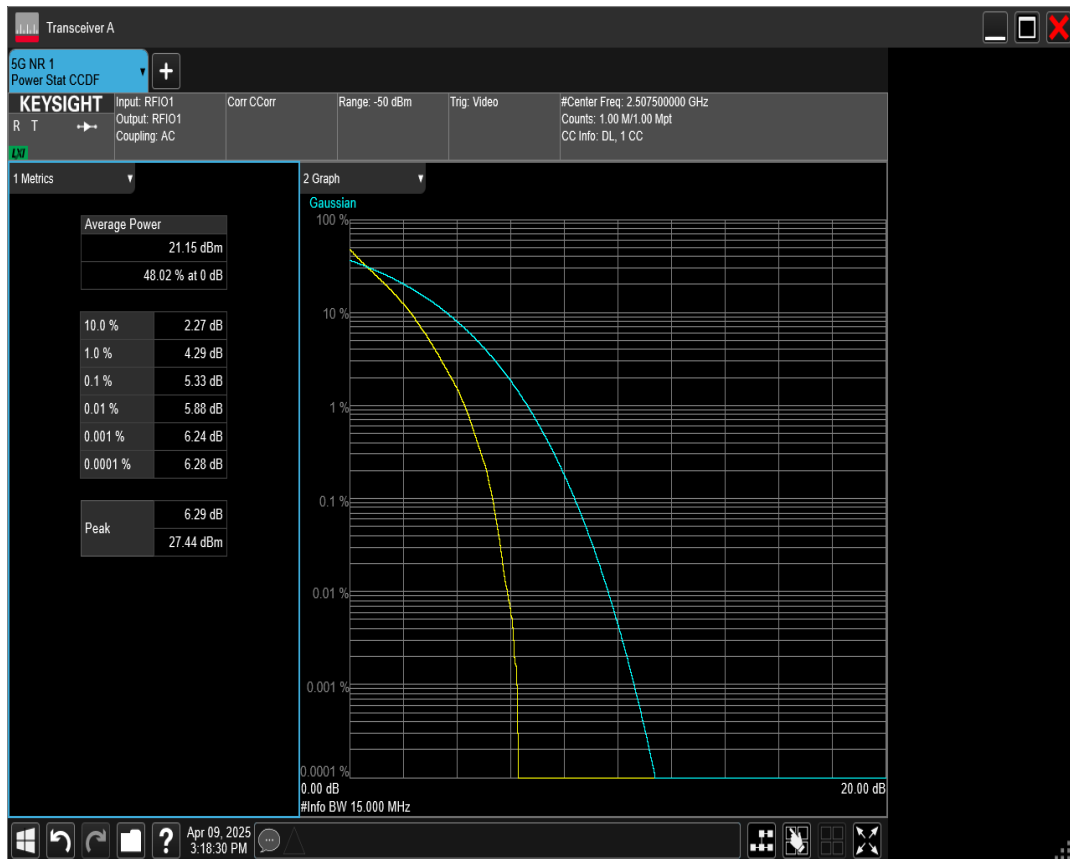




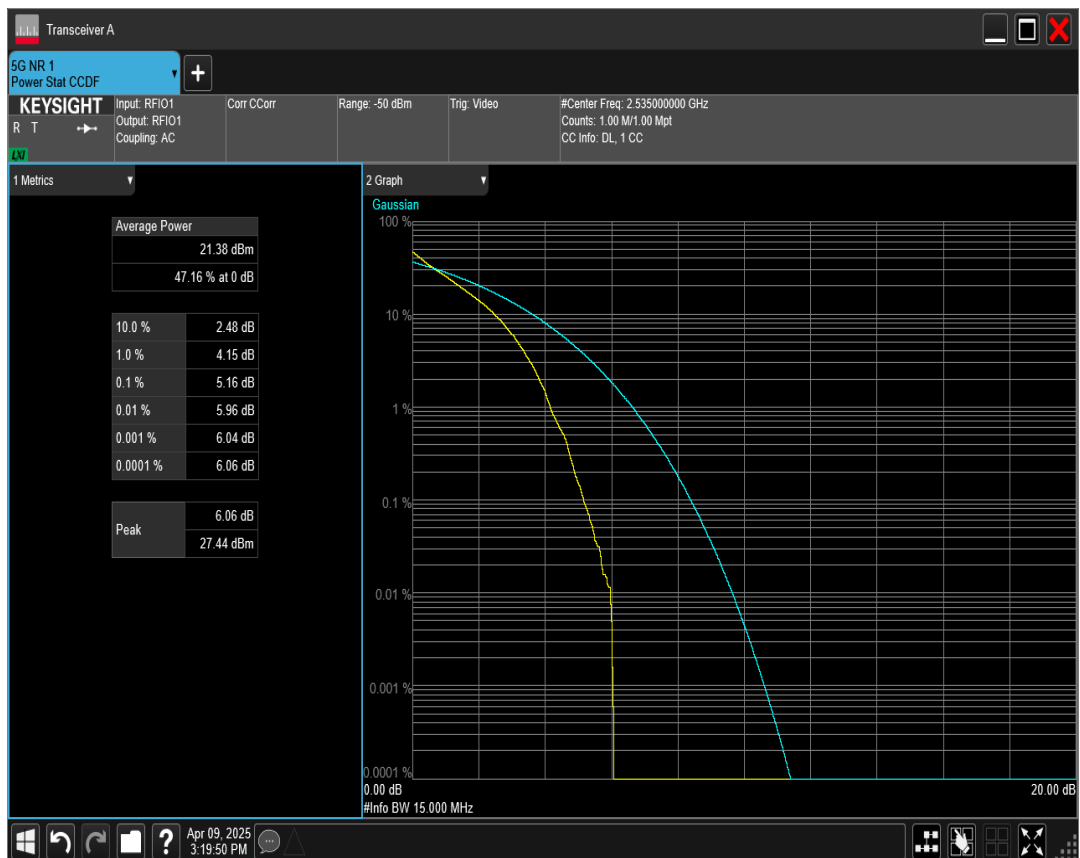
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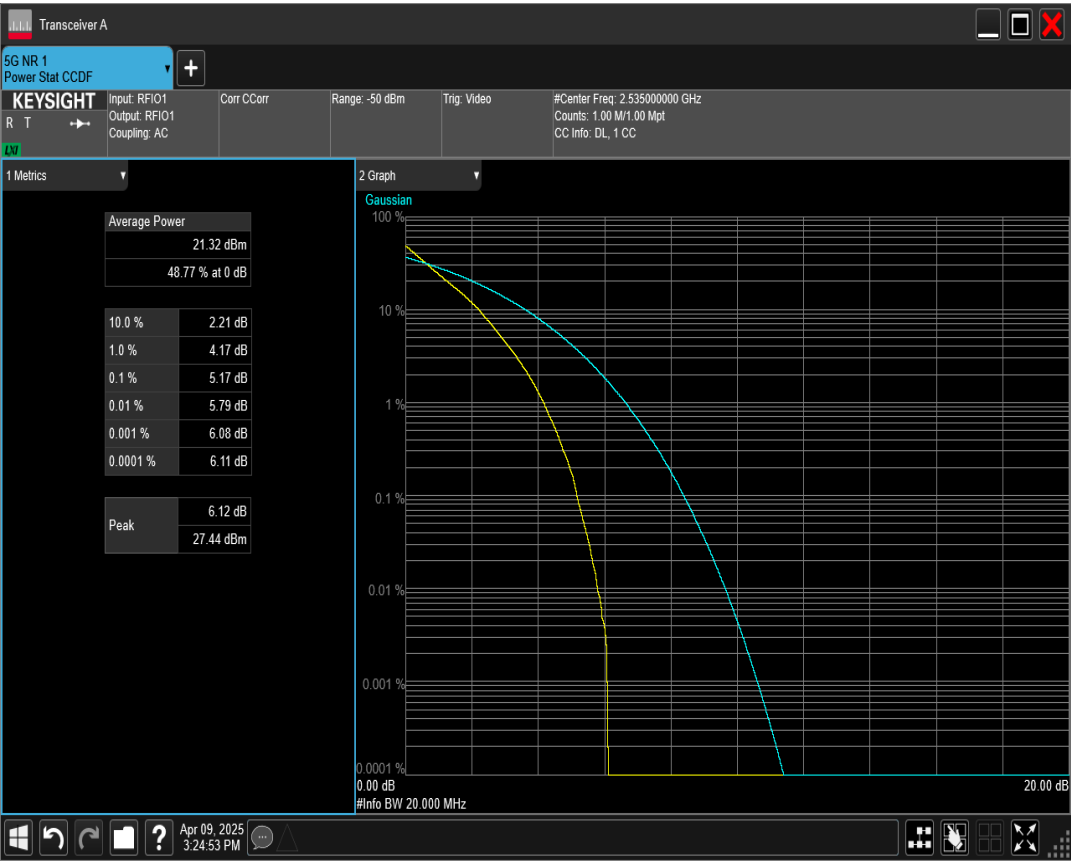
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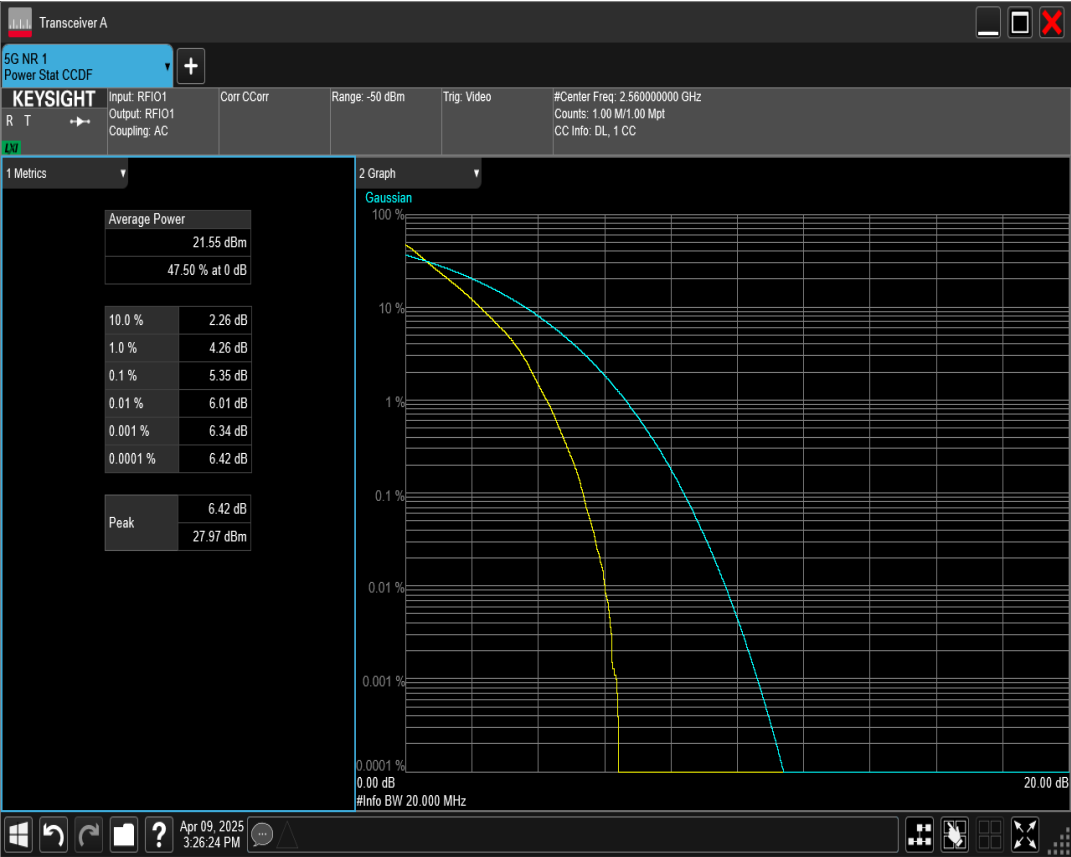
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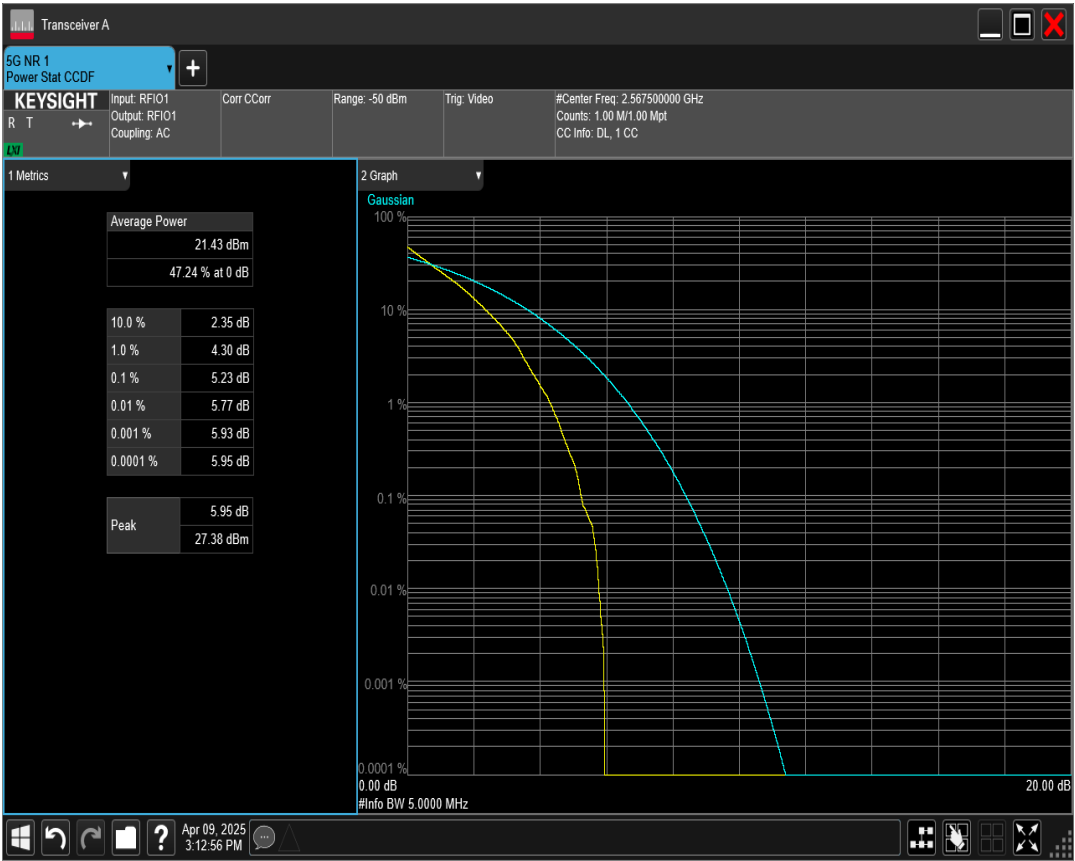
*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0*



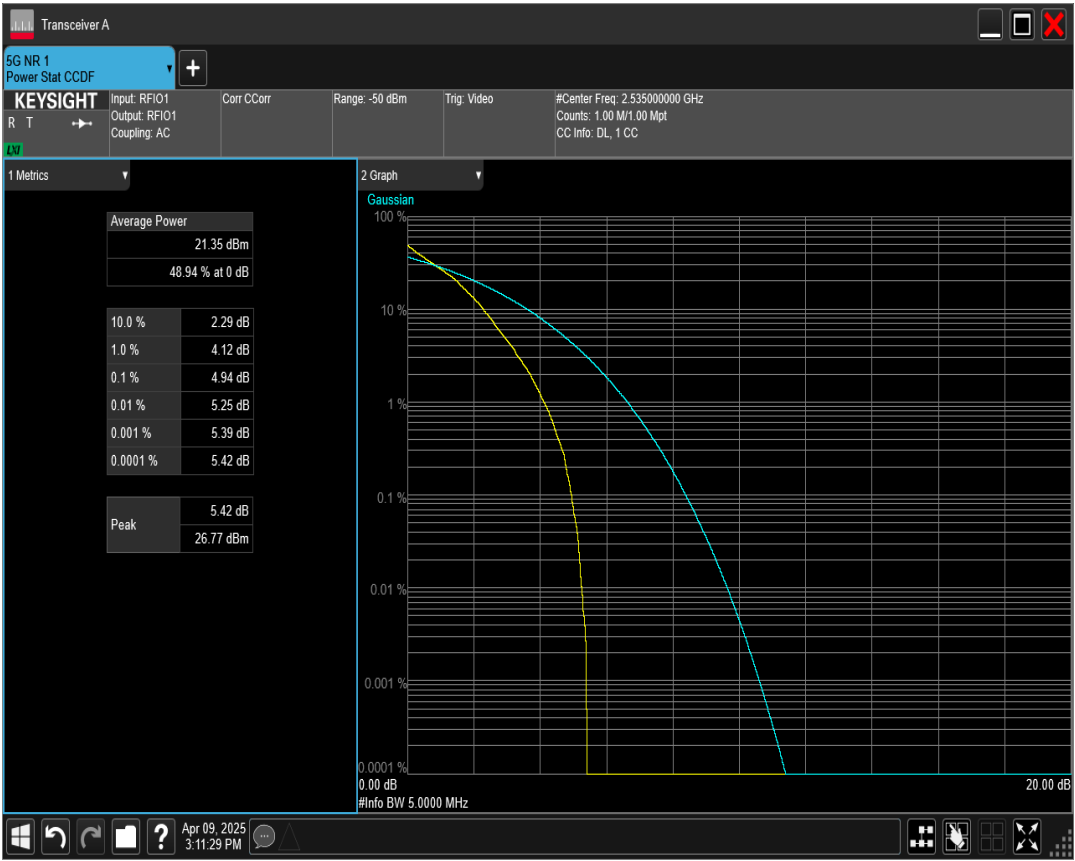
*n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=512000 RB=100@0*



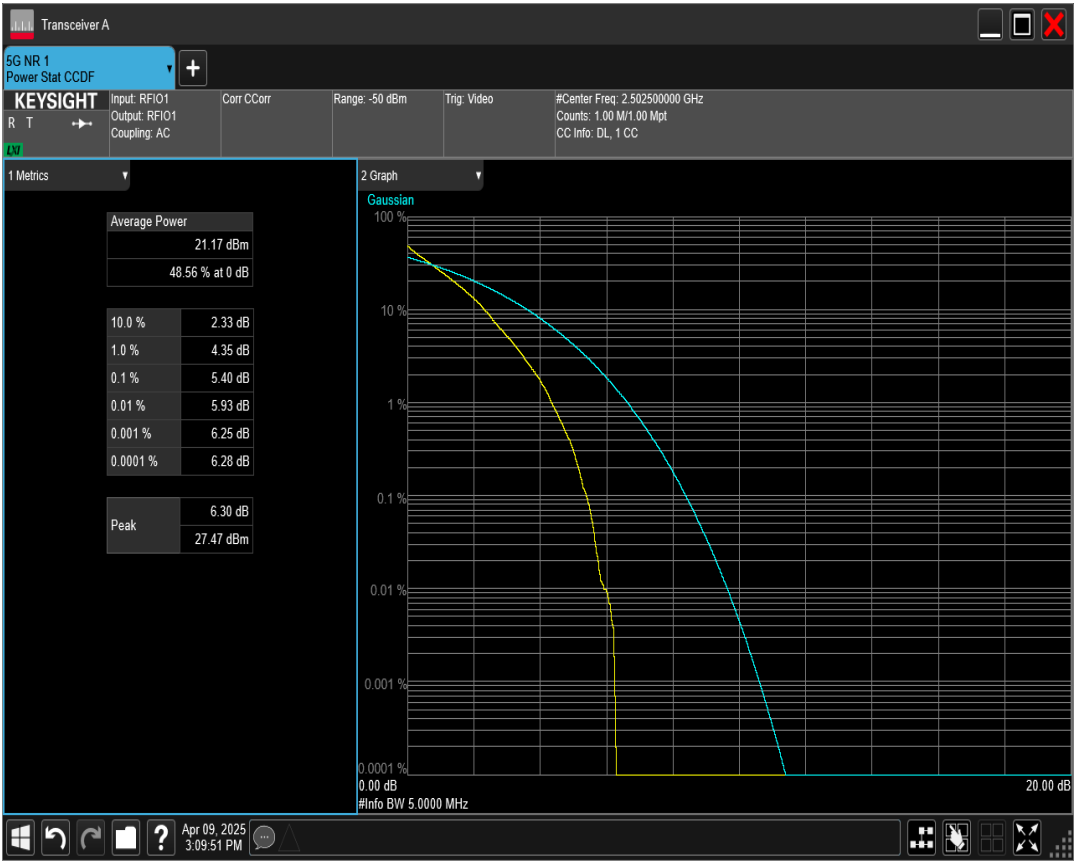
*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=513500 RB=25@0*



*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=507000 RB=25@0*



*n7 SCS=15kHz DFT\_QPSK BW=5MHz Channel=500500 RB=25@0*



## 4 Occupied bandwidth for NR FR1

| <b>Band</b> | <b>SCS<br/>(kHz)</b> | <b>Bandwidth<br/>(MHz)</b> | <b>UL<br/>Channel</b> | <b>RB<br/>Allocation</b> | <b>Modulation</b> | <b>99%<br/>OBW<br/>(MHz)</b> | <b>-26dB<br/>EBW<br/>(MHz)</b> | <b>Verdict</b> |
|-------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|------------------------------|--------------------------------|----------------|
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_BPSK          | 4.460                        | 4.640                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QPSK          | 4.450                        | 4.670                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM16         | 4.450                        | 4.590                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM64         | 4.460                        | 4.660                          | PASS           |
| n7          | 15                   | 5                          | 507000                | 25@0                     | DFT_QAM256        | 4.460                        | 4.590                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_BPSK          | 9.240                        | 9.170                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QPSK          | 9.230                        | 9.160                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM16         | 9.200                        | 9.150                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM64         | 9.180                        | 9.130                          | PASS           |
| n7          | 15                   | 10                         | 507000                | 50@0                     | DFT_QAM256        | 9.180                        | 9.110                          | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_BPSK          | 13.920                       | 13.640                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QPSK          | 13.960                       | 13.670                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM16         | 13.920                       | 13.650                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM64         | 13.940                       | 13.620                         | PASS           |
| n7          | 15                   | 15                         | 507000                | 75@0                     | DFT_QAM256        | 13.900                       | 13.650                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_BPSK          | 18.670                       | 18.110                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QPSK          | 18.680                       | 18.170                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM16         | 18.670                       | 18.150                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM64         | 18.750                       | 18.160                         | PASS           |
| n7          | 15                   | 20                         | 507000                | 100@0                    | DFT_QAM256        | 18.680                       | 18.100                         | PASS           |

**n7 SCS=15kHz DFT\_BPSK BW=15MHz Channel=507000 RB=75@0**



*n7 SCS=15kHz DFT\_BPSK BW=10MHz Channel=507000 RB=50@0*



*n7 SCS=15kHz DFT\_BPSK BW=20MHz Channel=507000 RB=100@0*



***n7 SCS=15kHz DFT\_BPSK BW=5MHz Channel=507000 RB=25@0***



***n7 SCS=15kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=75@0***





*n7 SCS=15kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=50@0*



*n7 SCS=15kHz DFT\_QAM16 BW=5MHz Channel=507000 RB=25@0*



*n7 SCS=15kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=100@0*



*n7 SCS=15kHz DFT\_QAM256 BW=15MHz Channel=507000 RB=75@0*



***n7 SCS=15kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=50@0***



***n7 SCS=15kHz DFT\_QAM256 BW=5MHz Channel=507000 RB=25@0***



n7 SCS=15kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=50@0



*n7 SCS=15kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=100@0*



*n7 SCS=15kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=75@0*



*n7 SCS=15kHz DFT\_QAM64 BW=5MHz Channel=507000 RB=25@0*



*n7 SCS=15kHz DFT\_QPSK BW=10MHz Channel=507000 RB=50@0*



n7 SCS=15kHz DFT\_QPSK BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT\_QPSK BW=20MHz Channel=507000 RB=100@0